JOINT SOLID WASTE MANAGEMENT PLAN



TALIAFERRO COUNTY CITY OF CRAWFORDVILLE CITY OF SHARON

April 2005

PREPARED BY: Central Savannah River Area Regional Development Center

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Introduction

The term "solid waste" includes four categories of solid waste; municipal (this refers to solid waste in both cities and counties), construction/demolition, inert and industrial. These types of wastes vary in composition, potential environmental and health related problems, and management requirements. Although each of these will be discussed in this plan, the emphasis is on municipal solid waste in that this waste is currently presenting the most concerns and requires more stringent and expensive management efforts.

Municipal solid waste, or what we commonly refer to as "garbage" or "trash," is more accurately defined as the combined residential and nonresidential (institutional, commercial, governmental and industrial waste which is co-managed with residential and nonresidential waste) solid waste generated and handled in a given city or county area. It does not generally include other types of solid waste such as industrial or agricultural wastes which are handled separately. Municipal solid waste includes food scraps, packaging material, yard waste, discarded appliances, used tires and other similar items. In Taliaferro County, municipal solid waste is collected by Taliaferro County and is being transported to the Wilkes County transfer station for proper disposal.

The concern with municipal solid waste is that, if it is not handled properly, it can cause aesthetic, health and environmental problems including diseases, air pollution from fires and contaminated water resources and unsightly litter. In addition, concern has mounted in recent years over the amount of resources being discarded and the use of expensive landfill capacity for materials which need not be placed in landfills. Consequentially, the practice of just "throwing it away" is no longer appropriate.

Georgia Comprehensive Solid Waste Management Act

In 1989, the Georgia General Assembly passed SR 103 creating the Joint Solid Waste Management Study Committee to analyze the status of solid waste management in Georgia and to make recommendations for a comprehensive revision of the 1972 Solid Waste Management Act. The Study committee labored during the summer and fall, 1989, and released its report in December of that year. The findings and recommendations in the study committee report were drafted as legislation and introduced as an administration bill in the 1990 session of the General Assembly as SB 533, the Georgia Comprehensive Solid Waste Management Act. The bill unanimously passed both houses of the General Assembly.

SB 533 (the Act) provides a sound framework for comprehensively managing solid waste. The first step in implementing the ACT has been the development of the <u>Georgia Solid Waste Management Plan</u>. The purpose of the State plan is essentially threefold:

- 1. to present a status report of solid waste management in Georgia.
- 2. to set forth the state strategy for reducing and managing solid waste, and
- 3. to establish the procedures and criteria for local/regional solid waste plans and other components of local/regional solid waste management strategy.

The Joint Taliaferro County-Crawfordville-Sharon Solid Waste Management Plan represents the next step in the planning process and includes data in seven topic areas or "elements" that are considered critical as components of the solid waste management planning process. These seven elements are:



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- 1. Waste Disposal Stream Analysis
- 2. Waste Reduction Element
- 3. Collection Element
- 4. Disposal Element
- 5. Land Limitation Element
- 6. Education and Public Involvement Element
- 7. Implementation Schedule

Information is gathered and analyzed for each of these seven elements. This is used in turn to set various local goals for Taliaferro County. Two major goals of the county are as follows:

- Goal 1 Municipal solid waste received at disposal facilities will meet a 3.75 lbs/person/day disposal rate goal.
- Goal 2 To insure that the joint solid waste management plan provides for the assurance of adequate solid waste collection capability and disposal capacity within the county for over the next ten years.

Public Participation

As required by the minimum solid waste planning standards, two public hearings were held in Taliaferro County to elicit community input as to the solid waste needs and goals of Taliaferro County. The first public hearing was held prior to preparing the plan on August 24, 2004. The second hearing was held following the completion of the first draft of the plan on December 8, 2004. There was an informational session held with the public on February 7, 2005 and then a final public hearing was held on March 10, 2005. Comments and suggestions received at all of these hearings and meetings were taken into consideration and incorporated into the plan. Finally, neighboring communities and state agencies were sent copies of the plan to review and comment on the contents of the plan.



1. Description of the County

Taliaferro County and the County seat of Crawfordville are located in east-central Georgia, 60 miles west of Augusta and 45 miles southeast of Athens. Taliaferro County is a densely forested, rural area covering 195.9 square miles.

Background

Taliaferro County is one of the 13 counties that comprise the Central Savannah River area (CSRA). The County is a member of the Central Savannah River Area Regional Development Center located in Augusta. The population base of the region is located in the 3 county Augusta region including Augusta-Richmond, Columbia and McDuffie Counties.

There are two incorporated cities in Taliaferro County, Crawfordville, the county seat and Sharon. Taliaferro County has access to I-20 a major East/West thoroughfare connecting Augusta and points to the east and Atlanta and points to the west.

With a 2000 population of 2,077 Taliaferro County is the least populated county in the state of Georgia. At 195.39 square miles, the 141st smallest, this gives the county a population density of 10.6 persons per square mile. The State of Georgia has a population density of 141.4 persons per square miles. This disparity truly shows the rural nature of Taliaferro County.

Taliaferro County is neighbored by Greene and Oglethorpe Counties to the West, Wilkes County to the North, Warren County to the East and Hancock County to the South. For the purposes of perspective, Demographic data for Taliaferro County will be compared with data from Warren and Hancock County as they both neighbor Taliaferro County, are located in The Central Savannah River Area Region and both have populations under 10,000 people.

Population

In terms of population, Taliaferro County is the smallest in the state of Georgia. With a 2000 population of 2,077 the county ranks 159 out of 159. Over the past 50 years the population of the county has decreased. The population peaked in 1970 at 2,432 and declined until the 1990 census (Table P-1). The 1990's saw the first population increase since the 1950's. The following table shows the population of the county from each census from 1980 to 2000. In Taliaferro County the population has grown 2.2 percent between 1980 and 2000, and is projected to grow only 2.7 percent over the next 25 years. The cities in Taliaferro County are projected to lose population over the next 25 years at a rate of 4.7 percent for Crawfordville and a huge loss of 41.9 percent for Sharon.

Table P-1

	Total Population									
Category	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
Taliaferro County	2,032	1,974	1,915	1,996	2,077	2,088	2,100	2,111	2,122	2,133
Crawfordville	594	586	577	575	572	567	561	556	550	545
Sharon	140	117	94	100	105	96	88	79	70	61
Source: US Bureau of the	Census			电影图		W/235 179			116182	

Seasonal Population Changes

Taliaferro County and the municipalities do not experience any significant seasonal changes in population. There are numerous visitors to the state park that is located just north of Crawfordville, but these are temporary visitors who rarely stay more than a couple of nights. These visitors do not impact the solid waste collection or disposal activities of the county. The jurisdictions are not familiar with any unique conditions or seasonal variations that will change the amount of waste projected on a seasonal basis.

Number of Households

Household growth change varies from jurisdiction to jurisdiction in Taliaferro County and the municipalities. In Taliaferro County the population has grown 2.2 percent between 1980 and 2000, although during the same time period, the number of households has increased 14.8 percent. Among the municipalities, both Crawfordville (-3.7%) and Sharon (-25%) have experienced a decrease in population over the past twenty years, and the number of households has decreased at nearly the same rate.

In Taliaferro County, the trend in increasing household growth will continue. Although county population is expected to increase only 2.7 percent over the next 25 years, the number of households is expected to increase 16 percent.

Table P-2

Number of Households											
	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	
Taliaferro County	758	743	727	799	870	898	926	954	982	1,010	
Crawfordville	261	245	228	244	260	260	260	259	259	259	
Sharon	58	45	32	39	46	43	40	37	34	31	

Household growth rates have varied from jurisdiction to jurisdiction in Taliaferro County and the municipalities. In the county, household growth has fluctuated in the past two decades, increasing a total of 14.8 percent between 1980 and 2000. Both municipalities have experienced negative growth in the number of households over the past two decades. The number of households has decreased in Crawfordville by one household (0.0%) and by 12 households in Sharon (-20.7%).

Household growth in Taliaferro County has increased at substantially higher rates than the total population. Growth in total households necessitates a corresponding increase in the housing supply to ensure housing needs. Between 1980 and 2000, the housing supply in Taliaferro County increased by 12.59% outpacing the rate of total population (2.17%), thus ensuring a sufficient supply of housing.

The increase of total households relative to a stagnate population in Taliaferro County and the municipalities can be viewed through the lens of declining average household size. Average household size has declined by 11.9 percent between 1980 and 2000, highlighting an increasing trend towards smaller family sizes.

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Table P-3

Average Household Size										
980	1985	1990	1995	2000	2005	2010	2015	2020	2025	
2.68	2.66	2.63	2.50	2.36	2.28	2.20	2.12	2.04	1.96	
2.28	2.41	2.53	2.37	2.20	2.18	2.16	2.14	2.12	2.10	
2.41	2.68	2.94	2.61	2.28	2.25	2.22	2.18	2.15	2.12	
2	2.68	2.68 2.66 2.28 2.41	2.68 2.66 2.63 2.28 2.41 2.53	2.68 2.66 2.63 2.50 2.28 2.41 2.53 2.37	2.68 2.66 2.63 2.50 2.36 2.28 2.41 2.53 2.37 2.20	2.68 2.66 2.63 2.50 2.36 2.28 2.28 2.41 2.53 2.37 2.20 2.18	2.68 2.66 2.63 2.50 2.36 2.28 2.20 2.28 2.41 2.53 2.37 2.20 2.18 2.16	2.68 2.66 2.63 2.50 2.36 2.28 2.20 2.12 2.28 2.41 2.53 2.37 2.20 2.18 2.16 2.14	2.68 2.66 2.63 2.50 2.36 2.28 2.20 2.12 2.04 2.28 2.41 2.53 2.37 2.20 2.18 2.16 2.14 2.12	

Economic Activity

Transportation accessibility and the availability of water and sewer are the engines that drive economic growth in Taliaferro County. The county's location along I-20, midway between two state capitals, and connections to Interstates 75 and 85 in Atlanta, Charlotte, Raleigh and other large cities via Interstates 26,77, and 95 allow businesses and residents convenient and efficient transportation connections. Bush Field Airport in Augusta offers direct flights to Columbia, South Carolina, and Charlotte, North Carolina and Hartsfield International Airport in Atlanta is within a 2-hour drive. Other transportation related opportunities include rail service provided by CSX, and access to international ports in Charleston and Savannah.

The educational system is an important resource is Taliaferro County. The Taliaferro County School System consists of one comprehensive school for grades Pre-K through 12. The school gained Charter status in school year 2001-2002 and has the smallest population in Georgia. The County school is extremely high tech with wireless access, integrated technology and several courses taught almost exclusively on computers.

Economic Base Inventory

The 2002 Woods and Poole Georgia State Profile lists the following industries in Taliaferro County:

- Agricultural services, forestry, fishing, and hunting
- Utilities
- Construction
- Manufacturing
- Wholesale Trade
- Retail Trade
- Transportation
- Information
- Finance and Insurance
- Real Estate and Rental Leasing
- Professional, Scientific and Technical Services
- Administrative and Support and Waste Management and Remediation Services
- Educational Services
- Health Care and Social Assistance
- Accommodation and Food Services



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- Other Services (except Public Administration)
- Auxiliaries (Except Corporate, Subsidiary and Regional Management)

Additional information about the county's economic growth and economic base can be found in the county's Comprehensive Plan.

2. Waste Disposal Stream Analysis

Inventory of Waste Disposed

The Georgia Division of Environmental Protection collects and maintains data related to waste disposed by the county's jurisdictions. The following table shows municipal solid waste tonnage information by jurisdiction during the past three years.

Community	Total Tonnage	Total Tonnage	Total Tonnage
	2003	2002	2001
Taliaferro County (Unincorporated)	1,794.72	1,753.07	1,189.17
City of Crawfordville	458.49	Data not available	Data not available

Source: Wilkes County Transfer Station

Construction and demolition tonnages for the county were not available.

"In a telephone survey of landfills in the State of Georgia, conducted by R.W. Beck, Inc., R.W. Beck reports that it is suggested that of the waste delivered to MSW landfills, 66.6 percent is MSW (generated by the commercial or residential sector), 12.3 percent is construction and demolition debris, 14 percent is industrial, and 7.1 percent is sludge or biosolids." (see Elbert County, Georgia Solid Waste Management Plan, 2004).

Waste Characterization

Preliminary analysis of waste characterization from the DCA sampling study shows the percentage of each type of material in the commercial and residential waste disposed of in an MSW landfill, shown in Table 2-2 These results suggest that 63 percent of the residential and commercial waste disposed of in Taliaferro County is paper or organic material.



^{*}City of Sharon's data is included in Taliaferro County's reported data.

Table 2-2 Projected Characterization of MSW Disposed from Taliaferro County¹

Material Average

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Material	Average
Newspaper	4.9%
Corrugated Cardboard	96%
Office	25%
Magazine/Glossy	30%
Paperboard	3.9%
Mixed (Other	
Recyclable)	3.3%
Other (Non-recyclable)	10.0%
Total Paper	37.2%
#1 PET Bottles	1.7%
#2 HDPE Bottles	1.2%
#3-#7 Bottles	0.3%
Expanded Polystyrene	1.6%
Film Plastic	8.1%
Other Rigid Plastic	3.9%
Total Plastic	16.9%
Material	Averag
Clear	2.0%
Green	0.5%
Amber	1.6%
Other	0.5%
Total Glass	4.6%
Other Non-Ferrous	0.8%
Total Metal	6.6%
Yard Waste	1,5%
Wood (non-C&D)	2.1%
Food Waste	11.9%
Textiles	3.8%
Diapers	2.7%
Fines	3.3%
Other Organics Total Organics	0.8% 26.0 %
Drywall	0.2%
Wood	3.1%
Inerts	0.2%
Carpet	1.4%
Other C&D	1.0%
Total C&D	9%
Televisions	0.1%
Computers	0.1%
Other Electronics	1.3%
Tires	0.3%
HHW	0.2%
Other Inorganics	0.9%
Total Inorganics	2.8%

Total 100.0% I Based on sampling data from Georgia Waste Characterization, Fall 2003

Unique Conditions and/or Seasonal Variations

The county is not familiar with any unique conditions or seasonal variations that will change the amount of waste projected on a seasonal basis.

Waste Generating Disasters

Natural disasters strike with varying degrees of severity and pose both short- and long-term challenges to public service providers. The most severe natural disasters generate debris in quantities that can overwhelm existing solid waste management facilities or force communities to use disposal options that otherwise would not be acceptable.

Debris removal is a major component of every disaster recovery operation. Much of the debris generated from natural disasters is not hazardous. Soil, building material, and green waste, such as trees and shrubs, make up most of the volume of disaster debris. Most of this waste can be recycled into useful commodities.

Both state and local governments may enter into mutual aid agreements with other state and local governments prior to any disaster. Such an agreement could provide for either binding commitments or nonbinding intentions of support by state and local governments to assist one another in the event of a disaster. Through these agreements, communities can loan equipment and personnel with specific expertise or experience.

Preparing a disaster debris management plan in advance can pay off in the event of a natural disaster. Planning can help a community identify its debris collection, recycling, and disposal options. Although the recovery process will take a long time, perhaps even years, careful planning will prevent costly mistakes, speed recovery, and avoid creation of more waste. A plan can also save money by identifying cost-effective debris management options and sources of help, increasing control over debris management in the community, and improving administrative efficiency. Taliaferro County does have a plan to manage disaster debris, in case a disaster does occur, but the county does have positive relationships with neighboring counties, such as Warren and Wilkes Counties so that if a disaster did occur, mutual aid would take place.

Projections of Waste to be Disposed

Georgia Waste Disposal and Population FY 1994 to FY 2003

Year	Population	Total Waste Landfilled (millions of tons ¹)	Total Waste Landfilled (pounds/person/ day)	Total Waste Disposed in MSW Landfills (Tons)	Out of State Waste ²	Total Municipal Solid Waste (pounds/person/d ay)	GA MSW (pounds/person/d ay)
1994	6.990.658	8.58	6.73	7.222.291	138.946	5.66	5.55
1995	7.161.485	9.54	7.30	7.684.271	149.481	5.88	5.77
1996	7,334,311	9.78	7.31	7,222,499	160,000	5.40	5.28
1997	7.503.138	9.86	7.20	7.925.222	172.150	5.79	5.66
1998	7.673.965	10.75	7.68	9.026.078	193.819	6.44	6.31
1999	7.844.792	11.43	7.98	9.382.622	453.875	6.55	6.24
2000	8.015.626	12.71	8.69	9.724.736	511.472	6.65	6.30
2001	8,186,453	13.36	8.94	10,678,980	893,651	7.15	6.55

For more information regarding Georgia's solid waste management or for a glossary of terms used in this report, contact the Georgia Department of Community Affairs, Office of Environmental Management at 404-679-4940, or online at www.dca.state.ga.us/environmental/swar. html. during FY 2003.



2 Virtually all out-of-state waste is MSW.

Taliaferro County Data

Taliaferro County is rural in nature. The county's solid waste total tonnage for the past three years is as follows:

Community	Total Tonnage						
	2003	2002	2001				
Taliaferro County (Unincorporated)	1,794.72	1,753.07	1,189.17				
City of Crawfordville	458.49	Data not available	Data not available				

Source: Wilkes County Transfer Station

The county's total population in 2001, 2002, and 2003 was 2,084, 2,092, and 2,100 respectively. This equates to an average of 1,510 pounds of municipal solid waste generated per person in Taliaferro County per year, or 4.14 pounds of municipal solid waste per person per day in Taliaferro County. Using pounds per person as an estimate of future solid waste generation in the county, the following table outlines the county's solid waste disposal needs through 2014:

Table 2-3
Waste Disposal Projections at Current Per Capita Disposal Rate
Taliaferro County (including all cities)

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	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Population	2,032	2,040	2,048	2,056	2,064	2,071	2,079	2,087	2,095	2,103
Pounds/Day	8,412	8,446	8,479	8,512	8,545	8,574	8,607	8,640	8,673	8,706
Total Tons/Yr	1,535	1,541	1,547	1,553	1,559	1,565	1,571	1,577	1,583	1,589

Population Source: US Bureau of the Census, Inc. and RDC Calculations

As the above table notes, the total waste disposal needs of the entire county is not expected to rise substantially during the next ten years. The county's population growth will not substantially increase during the planning period, and the county does not anticipate significant changes in its per capita disposal rates during the planning period.

3. Waste Reduction Element

Inventory of Waste Reduction Programs

This section provides detailed information on Taliaferro County's existing waste reduction programs that target the residential, commercial/institutional, industrial, construction and demolition, and yard trimming sectors and waste streams.

Source Reduction Programs

There are currently no source reduction programs in place in Taliaferro County. Implementation of such programs could significantly benefit Taliaferro County's waste reduction efforts. As public awareness of source reduction options increases, citizens will then become more capable of using their buying power to influence the packaging decisions of manufacturers of the products they use. Benefits of this "educated purchasing" will be evident in both the short and long term.

^{*}Sharon's information is included in Taliaferro County's data.

Recycling

Inventory

There are currently no formal countywide recycling programs in place in Taliaferro County or its incorporated areas, but county residents do have the opportunity to recycle on their own. Residents have expressed a desire to recycle and are investigating ways to implement a formal recycling program. The county is also examining educational methods to encourage recycling.

Assessment

Although there is no formal recycling program now, the county is investigating ways to implement a formal recycling program for its residents. As a small rural community, the county does not tend to generate enough recyclables to make recycling an economically feasible waste reduction program. The county would be interested in participating in a regional recycling program.

Yard Trimmings Programs and Facilities

The City of Crawfordville provides curbside pickup of leaves, limbs, and other yard debris for its residents. The county does not provide such service, but would like to institute such a program for county residents.

Assessment

The city's service has been sufficient for the city residents and will remain so over the planning period. Taliaferro County does not currently accept yard waste at its green box sites. There are no plans during the planning period to begin mulching or composting that would result in viable collection efforts for such debris. If the county reaches a point when it does accept yard waste, then mulching will be a viable reduction option.

Items Requiring Special Handling

The county currently does not have an implementation plan for the handling of items requiring special handling, such as scrap tires and white goods. Neighboring jurisdictions do accept white goods, scrap tires, and other items. The county encourages residents to take white goods and scrap tires to these locations and discourages the disposal of such items at the green box collection sites.

Assessment of Waste Reduction Programs

From individually packaged food servings to disposable diapers, more garbage is generated now than ever before. In Taliaferro County, the average citizen discards over four pounds of garbage every day. This garbage, the solid waste stream, goes mostly to landfills, where it is compacted and buried. As the waste stream continues to grow, so will the pressures on landfills, resources, and the environment. For these reasons, both Crawfordville and the county are investigating ways it can implement waste reduction or recycling programs.



Needs and Goals

Based on the inventory and assessment, adequacy of current programs and other programmatic options, including costs, Taliaferro County has developed the following waste reduction needs and goals to ensure that the County continues to pursue a reduction in the amount of solid waste received at disposal facilities, focusing on a goal of 3.75 lbs/person/day.;

- > Develop necessary steps to prevent and discourage out-of-county dumpers from disposing of waste at the county's collection points.
- > Introduce formal recycling program and locate and secure a market for recyclable materials.
- Participate in a multi-phase county-wide recycling program for aluminum, paper, plastic and glass.
- Participate in ACCG and GMA's programs designed to give local officials the opportunity to record public service announcements about environmental issues.
- Work with the State's Recycling Coordinator to identify viable recycling projects.
- Participate in a regional recycling program to reduce recycling and educational costs.
- > Consider developing a county-wide mulching operation to reduce yard trimmings going into Georgia inert landfills.

4. Collection Element

Inventory of Existing Collection Programs

Inventory

Taliaferro County residents deposit their household waste into collection boxes at sixteen (16) sites within the County. Taliaferro County collects the solid waste from these sites and hauls it to the Wilkes County transfer station. It is subsequently transferred to the Oak Grove Landfill in Winder, Georgia with whom Wilkes County has an agreement (see attachment C). The county seat of Crawfordville contracts with a private collection company to provide curbside collection to its residents.

Unincorporated Taliaferro County and the City of Sharon are currently totally dependent on a green box collection system. This green box system is utilized by all residential, commercial, and industrial customers in Sharon and the unincorporated areas of the county. The county provides all of the collection service in the form of a single truck that services the 13 five cubic yard green boxes at sixteen separate sites throughout the county. The green boxes in use at the present time are the wheeled variety. The County owned vehicle hitches to these boxes individually, and pulls them to the transfer station for disposal of their contents.

Out of the 13 green boxes, one is located in the incorporated area of Crawfordville, and one is located in the incorporated area of Sharon. The remaining 11 are located systematically throughout the unincorporated area of the county at or near population nodes. Approximately half of the boxes



are emptied every Monday, and the other half are emptied every Tuesday. On Fridays, the boxes are emptied on an "as needed" basis. The City of Crawfordville collects on basically the same schedule.

The city of Crawfordville contracts with a private collection company to provide curbside pickup of solid waste for its citizens as well as its commercial and industrial establishments. The city's contractor collects waste once a week. The contract is re-bid every three years.

Assessment

Considering that the population is projected to grow only 1.6 percent or 34 persons through 2015, curbside pickup will continue to be impractical in Sharon and unincorporated Taliaferro County. The county's green box system continues to be the most viable option for Taliaferro County and Sharon. The green box system in Taliaferro County has proven to be quite adequate for the collection of solid waste. The number and size of the boxes meets the demands of the citizens of the county. The existing curbside collection service in Crawfordville will be adequate through the planning period even though there will be a slight loss in population over the planning period of about 2.8 percent or 16 persons.

Wilkes County's transfer station currently accepts Taliaferro County waste and transports it to a privately operated landfill, Oak Grove, in Barrow County, Georgia (operating under permit number 007-020D(SL). The current capacity report for Oak Grove landfill indicates that the landfill is expected to reach capacity in November of 2008. Taliaferro County and Wilkes County will evaluate this collection method during the coming years to determine where solid waste will be hauled once the Oak Grove landfill reaches capacity. Through this effort, Taliaferro County will be guaranteed adequate capacity for the remainder of this planning period.

Inventory of Collection Programs

Туре	Collector	Program Description	Jurisdictions Served	Sectors Served ¹	Number of Households served	Contractual Arrangements
Green Box Drop-off sites	Taliaferro County	Green Box Sites	Unincorporated Areas	R, C	870	Drop off is available to all county residents
Curbside Pickup	Attaway Waste Services 131 Britt Waters Road, Milledgeville, GA 31061	Curbside Pickup	City of Crawfordville Incorporated Area	R	260	City contracts with a private hauler.
Green Box Drop-off sites	City of Sharon	Green Box Sites	City of Sharon & Unincorporated Areas	R	46	Green Boxes are located in close proximity to the city

1 R= Residential, l~Institutional, C= Commercial, CDr C&D



Haulers Operating in Planning Area

Hauler Name	Sector Served	Jurisdiction(s) Served	Arrangement
Taliaferro County	Unincorporated Taliaferro County – residential	Taliaferro County	Greenboxes throughout county
Attaway Waste Services 131 Britt Waters Road, Milledgeville, GA 31061	City of Crawfordville – residential	Crawfordville	Contract with the City and City has a contract with the County
Taliaferro County	City of Sharon – residential	Sharon	County provides greenbox and county contracts with transfer station.

Contingency Strategy

In the event of a natural disaster or other major event that would disrupt the collection of solid waste within the county, the County would contract with a private hauler or neighboring county to collect waste until the normal procedure could be reinstituted. If additional waste accumulates around the green boxes during this transition period, the county will contact EPD to request a variance in the permit for the temporary period until the waste is capable of being processed and/or hauled away. The waste will then be processed in accordance with existing processing guidelines.

Inventory of Illegal Dumping/Littering

Illegal dumping is disposal of waste in an un-permitted area. It is also referred to as "open dumping," "fly dumping," and "midnight dumping" because materials are often dumped in open areas, from vehicles along roadsides, and late at night. Illegally dumped wastes are primarily non-hazardous materials that are dumped to avoid either disposal fees or the time and effort required for proper disposal.

Wastes such as scrap tires, bulky items, and yard waste may be illegally dumped because they are banned from greenboxes and their proper management can be costly. Residential and commercial wastes may be illegally dumped in areas that lack pickup service. Sites used for illegal dumping across the county vary, but include abandoned residential or commercial buildings; vacant lots and wooded areas; and infrequently used alleys or roadways. Because of their accessibility and poor lighting, areas along rural roads and railways are particularly vulnerable. Illegal dumping occurs at any time of day but is more common at night or in the early morning hours during warmer months. If not addressed, illegal dumps often attract more waste, potentially including hazardous wastes such as asbestos, household chemicals and paints, automotive fluids, and commercial or industrial wastes.

Illegal dumping of solid waste is a significant problem in many rural areas, and Taliaferro County is no exception. Illegal dumps are aesthetically undesirable and can create major local health problems. The county has an ordinance in place related to dumping and the utilization of the county's green box site. This Part b under Public Dumpster section of the ordinance states:



"Use by County residents only: It shall be unlawful for any person or persons of the county to place or deposit any garbage, refuse, litter, household trash or other material of any kind not generated within the boundaries of the county in these dumpsters."

One of the issues that the county is being faced with is out-of-county residents or passers-by disposing of trash illegally in the greenboxes. The county would like to develop a method to prevent this activity and to punish offenders.

There are other illegal dumping issues addressed in the regulations set forth in the public dumpster section of the County Ordinances. Please refer to this section in the appendix.

Assessment of Programs to Address Illegal Disposal

There are several factors that contribute to illegal dumping and littering, but one of the main factors is the lack of alternative waste disposal and recycling programs. Preliminary research by the EPA shows that communities with "pay-as-you-throw" or unit-based disposal programs do not experience continuing dumping problems. Although such a community may initially experience increased illegal dumping when new programs are launched, once the public understands the system, the problem diminishes. Maintaining educational programs is important to avoid an ongoing problem.

At this time, the county's existing green box collection sites and the existing ordinance related to the utilization of those sites appears to be an excellent first step to acknowledge and address the illegal dumping and littering problems of the county, but enforcement will be the key. The county will need to hire a code enforcement officer to enforce the illegal dumping and littering ordinances of the county. The county will continue to monitor these issues during the planning period to determine additional steps that need to be taken to better enforce the ordinances and reduce further illegal dumping.

Needs and Goals

Taliaferro County's goal for collection is to ensure efficient and effective collection of solid waste in the region over the next ten years.

- Continue to maintain and purchase solid waste equipment needed to properly operate solid waste collection efforts.
- Continue to identify viable collection efforts and implement efficiency programs when feasible.
- Evaluate collection efforts periodically to determine if changes are needed or if new collection mechanisms are feasible.
- Research existing green box system and determine if changes are needed.
- Consider collecting yard trimmings or even providing an area for yard trimmings drop off.
- Prepare a ten-year capital improvement schedule for solid waste purposes.
- Maintain current collection contingency program.
- Consider hiring a code enforcement officer to enforce the codes of the county.
- Provide alternative waste disposal and recycling opportunities in the county and follow-up with the necessary education to make them successful.



5. Disposal Element

Inventory of Solid Waste Disposal Facilities

Taliaferro County closed its landfill in 1995 because its operation was no longer the most cost effective manner for Taliaferro County to handle its solid waste. Rather than expand the existing landfill as outlined in the Taliaferro County Solid Waste Management Plan, 1992-2002, Taliaferro County entered into an agreement with Wilkes County (see Appendix). Taliaferro County residents deposit their household waste into collection boxes at sixteen (16) sites within the County. Taliaferro County collects the solid waste from these sites and hauls it to the Wilkes County transfer station. It is subsequently transferred to the Oak Grove Landfill in Winder, Georgia with whom Wilkes County has an agreement (see Appendix).

The Oak Grove Landfill, located in Barrow County (permit number 007-020D(SL)) currently has a remaining capacity of 3,624,504 and its estimated fill date is 11/01/2008. If the Oak Grove Landfill reaches capacity earlier than 2008, Taliaferro County has several options. The Oak Grove Landfill is in the process of developing expansion plans and hopes to increase capacity prior to the estimated fill date. Additionally, Augusta-Richmond County is currently in the process of an expansion of their Deans Bridge Road Landfill and would have adequate capacity to receive Taliaferro County's solid waste as well.

The City of Crawfordville has a private hauler that hauls their solid waste to the Swift Creek MSW Landfill in Macon, Georgia. The expected capacity will be reached in eight years, but the hauler has an agreement with the Allied Services LLC (Landfill) in Taylor County to transfer waste there after the capacity has been reached in Macon.

There are currently no solid waste transfer stations operating within the county.

In addition to the landfill data identified above, the following tables outline nearby solid waste facilities in surrounding communities.

Nearby Transfer Stations

County	Facility Name	Permit Number	Operation Status	Facility Type Description	Facility Address	City
MCDUFFIE	CITY OF THOMSON TRANSFER STATION	PBR-097- 04TS	Operating	Transfer Station	HWY 278	THOMSON
MCDUFFIE	GEORGIA DISPOSAL AND RECYCLING, INC. TRANSFER STATION	PBR-097- 06TS	Operating	Transfer Station	148 INDUSTRIAL RD. N.E.	THOMSON
MCDUFFIE	MCDUFFIE COUNTY TRANSFER STATION SUNBELT MEDICAL	PBR-097- 08TS	Operating	Transfer Station	MESENA ROAD	THOMSON
BURKE	SERVICES,INC. TRANSFER STATION	PBR-017- 03TS	Operating	Transfer Station	P.O. BOX 215, 615 VESTAL ROAD 602 LIBERTY	SARDIS
BURKE	BURKE COUNTY	PBR-017- 05TS	Operating	Transfer Station	STREET, P.O. BOX 89	WAYNESBORO
PUTNAM	CWD TRANSFER STATION	PBR-117- 09TS	Operating	Transfer Station	160 IMPERIAL MILL ROAD	EATONTON



County	Facility Name	Pennit Number	Operation Status	Facility Type Description	Facility Address	City
RICHMOND	ARROW GARBAGE SERVICE , TRANSFER WASTE MGT.OF NO.	PBR-121- 008TS	Operating	Transfer Station	FRONAGE ROAD GOSHEN	AUGUSTA
RICHMOND	AUGUSTA-AIKEN TRANSFER STATION SAFETY DISPOSAL	PBR-121- 016TS	Operating	Transfer Station	INDUSTRIAL BOULEVARD	AUGUSTA
RICHMOND	SYSTEMS OF GEORGIA,INC. WASTE	PBR-121- 019TS	Operating	Transfer Station	3105 I-1 SPRING GROVE DRIVE	AUGUSTA
RICHMOND	MANAGEMENT OF AUGUSTA TRANSFER STATION WILKES COUNTY CR40	PBR-121- 137TS	Operating	Transfer Station	3946 GOSHEN INDUSTRIAL BOULEVARD	AUGUSTA
WILKES	MSWL TRANSFER STATION	PBR-157- 02TS	Operating	Transfer Station	150 LANDFILL ROAD	WASHINGTON

Source: Georgia Department of Natural Resources' Environmental Protection Division

Nearby Inert Landfills

County	Facility Name	Permit Number	Operation Status	Facility Type Description	Facility Address	City
BURKE	BURKE COUNTY INERT LANDFILL	PBR-017- 01IL	Operating	Inert Landfill	CLARKE ROAD ADJACENT TO EXISTING MSW LANDFILL	WAYNESBORO
BURKE	DNR WILDLIFE RESOURCE DIV. GAME MGT INERT LANDFILL	PBR-017- 04IL	Operating	Inert Landfill	DI-LANE PLANTATION	WAYNESBORO
COLUMBIA	SAMPLE & SON,INCSR232 INERT LF	PBR-036- 01IL	Operating	Inert Landfill	COLUMIA RD SR 232 25 MILES EAST OF US-221 SR 47	APPLING
COLUMBIA	STEVE DUFFIE- HEREFORD RD. INERT LF	PBR-036- 02IL	Operating	Inert Landfill	HEREFORD ROAD	EVANS
COLUMBIA	GUS DUNN	PBR-036- 03IL	Operating	Inert Landfill	WASHINGTON ROAD	APPLING
COLUMBIA	CITY OF HARLEM INERT LANDFILL	PBR-036- 05IL	Operating	Inert Landfill	LAMPKIN ROAD	HARLEM
COLUMBIA	HERSCHEL MORRIS INERT LANDFILL	PBR-036- 06IL	Operating	Inert Landfill	MORRIS ROAD	GROVETOWN
COLUMBIA	COLUMBIA CO. ROADS AND BRIDGES INERT LANDFILL	PBR-036- 08IL	Operating	Inert Landfill	LEWISTON ROAD AND 1-20	APPLING
COLUMBIA	CITY OF GROVETOWN INERT LANDFILL	PBR-036- 08IL-A	Operating	Inert Landfill	NEWMANTOWN ROAD	GROVETOWN
COLUMBIA	TONY MUNDY INERT LANDFILL	PBR-036- 09IL	Operating	Inert Landfill	729 BYRD DRIVE	HARLEM
COLUMBIA	COLUMBIA COUNTY ROADS AND BRIDGES INERT LANDFILL	PBR-036- 12IL	Operating	Inert Landfill	NORTH SIDE OF COLLINS DRIVE	EVANS
MCDUFFIE	INTERSTATE EQUIP.CO.,INC INERT LF	PBR-097- 01IL	Operating	Inert Landfill		THOMSON



County	Facility Name	Permit Number	Operation Status	Facility Type Description	Facility Address	City
	MCDUFFIE			-	-	
	COUNTY INERT	PBR-097-				
MCDUFFIE	LANDFILL	07IL	Operating	Inert Landfill	MESENA ROAD	THOMSON
	THOMAS D. GANTT, JR. INERT	PBR-097-				
MCDUFFIE	LANDFILL	09IL	Operating	Inert Landfill	I-20 AND SR17	THOMSON
	MCDUFFIE	0712	Operating	Incit Dandin	1-20 ALAD OKLY	THOMBOIN
	COUNTY					
	BOARDOF					
1400115515	COMMISSIONERS	PBR-097-				
MCDUFFIE	INERT LANDFILL	10IL	Operating	Inert Landfill	MESENA ROAD	THOMSON
	CSR/KNOX-RIUERS CONSTRUCTION	PBR-097-			WRIGHTSBORO	
MCDUFFIE	COMPANY	11IL	Operating	Inert Landfill	ROAD & CR 21	THOMSON
# JATEMEN OF # # # # # # # # # # # # # # # # # #	WELLINGTON	***************************************	F8	·	CORNER OF MILL	71101110011
CREENE	LEISURE PRODUCTS,	DDD 044 0411			AND SPRING	
GREENE	INC. INERT LF ROPER	PBR-066-011L	Operating	Inert Landfill	STREET	GREENSBORO
	CONSTRUCTION	- Andrews				
OB HELLIN	COMPANY INERT				ARMOUR BRIDGE	
GREENE	LANDFILL	PBR-066-031L	Operating	Inert Landfill	ROAD	GREENSBORO
Churne	HILLTOP BORROW	PPP 044 044			I-20 AND VEASEY	
GREENE	PIT	PBR-066-05IL	Operating	Inert Landfill	ROAD	GREENSBORO
GREENE	HILLTOP BORROW	DDD 044 0411			I-20 AND VEASEY	
OKEENE		PBR-066-0611.	Operating	Inert Landfill	ROAD	GREENSBORO
GREENE	CITY OF UNION POINT	PBR-066-071L	Opension	Inom I and SII	WOTTEN AVENUE	LINUON BOINE
GREETAL	OCONEE SAND &	1 DK-000-07112	Operating	Inert Landfill	P. O. BOX 37,	UNION POINT
	GRAVEL INERT				CAREY STATION	
GREENE	LANDFILL	PBR-066-081L	Operating	Inert Landfill	ROAD	GREENSBORO
		LINE T			STOCKDALE FAIRMONT	
					ROAD50 YARDS	
HANGOCK	DEREK A. HILL INERT	DDD 070 0411			FROM FORMER	
HANCOCK	LANDFILL CITY OF EATONTON	PBR-070-011L	Operating	Inert Landfill	MSW SITE	SPARTA
	WEST CHURCH				OF WEST CHURCH	
PUTNAM	STREET INERT LF	PBR-117-01IL	Operating	Inert Landfill	STREET	EATONTON
		To the second se			LOCATED	
	GA POWER	and the same of th			ONE MILE FROM	
	CO.,PLANT BRANCH-				THE ENTRANCE	
PUTNAM	INERT LF CITY OF EATONTON	PBR-117-02II.	Operating	Inert Landfill	TO PLANT BRAN	EATONTON
	HIGHWAY 441S INERT					
PUTNAM	LF	PBR-117-03IL	Operating	Inert Landfill	HIGHWAY 441S	EATONTON
		1	ii, Jali		ONE MILE EAST	
	GREGORY BRIDGE				OF OCONEE OVERFLOW	
PUTNAM	CO	PBR-117-04IL	Operating	Inert Landfill	BRIDGE	EATONTON
	PUTNAM COUNTY					
	BOARD OF COMMISSIONERS		100		CROOKED CREED	
PUTNAM	INERT LANDFILL	PBR-117-05IL	Operating	Inert Landfill	ROAD	EATONTON
	MCLENDON		1		OFF OF NEW	
PUTNAM	ENTERPRISES INERT	PBR-117-061L	Operation	Inore I and Cil	GLENWOOD SPRINGS ROAD	EATONTON
CTIMIN	Donormoon of Name	CDV-111-001F	Operating	Inert Landfill	SPRINGS ROAD	EATONTON

Source: Georgia Department of Natural Resources' Environmental Protection Division



P L A N MANAGEMENT WASTE SOLID TUIOI

Nearby Solid Waste Disposal Facilities

County	Facility Name	Permit Number	Operation	Dominion	Facility Type Description	Facility Address	City
COLUMBIA	COLUMBIA CO-BAKER PLACE RD (SL), PH 2	036-010D(SL)	Operating PUBLIC	PUBLIC	Municipal Solid Waste Landfill	baker place rd 8 mi se	Appling
COLUMBIA	COLUMBIA CO-SAMPLE & SON (C AND D)	036-017D(C&D)	Operating	Operating Private Commercial	Construction and Demolition Landfill	SR 232 3 miles east of SR 47	Appling
RICHMOND	US ARMY-FT GORDON GIBSON RD PH 1-3 (SL)	121-014D(SL)	Operating	PUBLIC	Construction and Demolition Landfill	FT Gordon, 3 mi se	Grovetown
RICHMOND	RICHMOND CO-DEANS BRIDGE 121-016D(SL) RD PH 2C (SL)	121-016D(SL)	Operating PUBLIC	PUBLIC	Municipal Solid Waste Landfill	w of dean bridge rd	Augusta
/ASHINGTON	WASHINGTON WASHINGTON CO-KAOLIN RD S 150-010D(MSWL) #3 (SL)	150-010D(MSWL)	Operating	PUBLIC	Municipal Solid Waste Landfill	kaolin rd 4 mi SW	Sandersville
BURKE	BURKE CO-CLARKE RD (SL)	017-002D(SL)	Operating PUBLIC	PUBLIC	Construction and Demolition Landfill	4 mi se Waynesboro	Waynesboro

Source: Georgia Department of Natural Resources' Environmental Protection Division

The state of the s			The second secon					
County	Facility Name	Permit Number	Dominion	Reporti ng Year	Remaining Capacity(CY)	Average Daily Tons	Rate of Fill(CVD)	Estimated Fill Date
RICHMOND	US ARMY-FT GORDON GIBSON RD PH 1-3 (SL)	121-014D(SL)	PUBLIC	2003	173,911.00	38.00	76.00	5/27/2018
RICHMOND	RICHMOND CO-DEANS BRIDGE RD PH 2C (SL)	121-016D(SL)	PUBLIC	2003	781,863.00	00.609	812.00	7/7/2006
WASHINGTON	WASHINGTON CO-KAOLIN RD S #3 (SL)	150-010D(MSWL)	PUBLIC	2003	1,161,004.00	58.00	262.00	6/3/2020
WASHINGTON	WASHINGTON CO-KAOLIN RD S #3 (SL)	150-010D(MSWI.)	PUBLIC	2003	92,822.00	32.00	93.00	3/20/2007
COLUMBIA	COLUMBIA CO-SAMPLE & SON (C AND D)	036-017D(C&D)	Private Commercial	2003	1,567,104.00	215.00	326.00	8/27/2018

Assurance of 10-Year Capacity

As noted previously, the population of Taliaferro County is expected to experience very little growth so it is reasonable to assume that the County's current disposal programs and operations will be adequate for meeting the County's needs during the 10-year planning period.

The Oak Grove Landfill, located in Barrow County (permit number 007-020D(SL)) currently has a remaining capacity of 3,624,504 and its estimated fill date is 11/01/2008 (see Appendix). If the Oak Grove Landfill reaches capacity earlier than 2008, Taliaferro County has several options. The Oak Grove Landfill is in the process of developing expansion plans and hopes to increase capacity prior to the estimated fill date. Additionally, Augusta-Richmond County is currently in the process of an expansion of their Deans Bridge Road Landfill and would have adequate capacity to receive Taliaferro County's solid waste as well. The county could also consider an agreement with the Allied Services LLC (Landfill) in Taylor County to transfer waste there since the Crawfordville hauler already has an agreement with them.

Additionally, as the tables above denote, the jurisdictions have identified viable other alternatives for solid waste disposal in the future in the event existing arrangements need to be modified and would pursue arrangements with those jurisdictions in sufficient time to meet demands. The county and each of the municipalities have adequate ability to ensure that municipal solid waste can be collected and disposed of for the next ten years.

Contingency Strategy

In the event of a natural disaster or other major event that would disrupt disposal efforts, each jurisdiction would direct waste to other nearby transfer stations or landfills. Negotiation of such mutual agreements will need to be initiated in the near future to ensure that such an arrangement is in place. It is estimated that it would take approximately three to five days to implement an alternate disposal strategy.

Assessment of Disposal

The population of Taliaferro County is expected to experience very little growth so it is reasonable to assume that the County's current disposal programs and operations will be adequate for meeting the County's needs during the 10-year planning period. The municipal solid waste received at disposal facilities will meet a 3.75 lbs/person/day disposal rate goal. With its closure of the Taliaferro County landfill in 1995, and subsequent success with contracting the disposal of solid waste generated within the County, it is not anticipated that the need for a landfill in Taliaferro County will arise through the planning period and beyond. Rather than expand the existing landfill as outlined in the Taliaferro County Solid Waste Management Plan, 1992-2002, Taliaferro County closed the landfill and entered into an agreement with Wilkes County (see Appendix). Taliaferro County does not have a need for the development of private landfills within its jurisdiction. In the event that a private developer proposes to site a landfill, any prospective development will have to abide by the Municipal Handling and Solid Waste Ordinance adopted by the county on May 24, 2004 or as amended. Please refer to this ordinance in the appendix.



JOINT SOLID WASTE MANAGEMENT PLAN

As the tables above denote, the jurisdictions have identified viable other alternatives for solid waste disposal in the future in the event existing arrangements need to be modified. The county expects to continue to meet the solid waste demands of its citizens throughout the planning period under the existing arrangement. The county also expects to expand the waste disposal and recycling alternatives to decrease the occurrence of littering and illegally dumping.

Statement of Needs and Goals

Taliaferro County's goal is to ensure that disposal facilities in the region meet regulatory requirements and can continue to support and facilitate effective solid waste handling programs for the next ten years.

- Pursue a reduction in the amount of solid waste received at disposal facilities which meets the 3.75 lbs/person/day disposal rate goal.
- ➤ Negotiate mutual agreements associated with contingency disposal needs with neighboring jurisdictions.
- > Continue to provide adequate solid waste greenboxes and hauling vehicles to ensure effective, efficient service.
- Develop scrap tire cleanup program to encourage proper scrap tire disposal and to enforce current illegal dumping ordinances.



6. Education and Public Involvement Element

Inventory of Public Education and Involvement

Introduction

The purpose of this element of the plan is to provide an inventory and assessment of existing educational programs and public involvement alternatives available in Taliaferro County. Some of the items to be discussed are:

- > Local Government Programs
- Solid Waste Advisory Committee
- > Clean and Beautiful Program
- School System Programs

- Litter Control Programs
- > RDC Programs
- Civic, Environmental, Church Group Programs

Inventory

There are currently only informal programs in place in Taliaferro County for the purpose of public education or public involvement in the field of solid waste management. The county will provide free brochures on solid waste education and will continue word of mouth education. This plan and the goals that are a result of this plan are important steps in implementing such a program.

Assessment of Public Education and Involvement

As Taliaferro County implements its waste reduction strategies over the next few years, public education and involvement will play a key role in the success or failure of these strategies. In order for the county to meet its reduction goals, it must implement some of the above listed programs. Because Taliaferro County is rural, the current lack of public involvement could be a hindrance to recycling and waste reduction efforts. Public education, to a great extent will be a "word of mouth" process. The County could benefit from some of the public education resources available in the region and the State. "Word of mouth" education is a means by which each individual citizen can assist in the educational process in Taliaferro County and its cities and is strongly encouraged.

Citizens have expressed their interest in recycling, reduction, and litter control programs, as well as scrap tire and illegal dumping reduction programs. Future participation in a Clean and Beautiful Program, Earth 911, or implementation of local school and civic programs will not only be educational, but will also provide opportunities for local citizens to participate in County recycling and reduction programs.

Statement of Needs and Goals

Taliaferro County's goal with regard to public education and involvement is to ensure that residents and businesses in the region understand the issues, needs, and goals of the solid waste management system. The community will work to develop recycling programs and scrap-tire recycling programs throughout the coming years to educate the public about the necessity for recycling and the benefits thereof.



OINT SOLID WASTE MANAGEMENT PLAN

- Educate the County on the importance of pursuing a reduction in the amount of solid waste received at disposal facilities.
- Develop education and awareness programs of recycling, especially of paper and organic waste materials; use DCA's environmental handouts for distribution.
- Consider participating in the Earth 911 project to gain information and educate the public about recycling programs; and
- Consider participating in a regional Keep Georgia Beautiful Campaign which will encourage public involvement and increase public education opportunities; and
- Participate in ACCG and GMA's programs designed to give local officials the opportunity to record public service announcements about environmental issues; and
- ➤ Work with the State's Recycling Coordinator to identify viable educational and recycling projects in the county.
- Publicize and promote all proposed solid waste reduction programs through the County Extension Service or Farm Bureau.
- Publicize Scrap Tire Cleanup Project when funded and operational.



7. Land Limitation Element

Maps for many of these criteria can be found within this document.

Inventory of Land Areas

Flood Prone Areas

Inventory

Flooding is defined as the temporary covering of soil with waster from overflowing stream and by run-off from adjacent slopes. Water left standing after a rainfall, however is not considered flooding, nor is water in swamps. Flooding is characterized in terms which describe the frequency and duration of the flood and the time of the year that the flood occurs.

Development within floodplain areas is discouraged with the exception of very low impact such as recreational facilities (i.e. trails, open fields, etc.). With this type of land use, the floodplains are utilized without disturbing the natural cycles of the floodplain. These areas are not suitable for solid waste facilities.

Floodplains serve three (3) major purposes: Natural water storage and conveyance, water quality maintenance and groundwater recharge. These three purposes are greatly inhibited when floodplains are misused or abused through improper and unsuitable land development. For example, if floodplains are filled in order to construct a building, then valuable water storage areas and recharge areas are lost thus causing unnecessary flooding in previously dry areas.

Taliaferro County and the City of Sharon do not currently participate in the National Flood Insurance Program (NFIP. The City of Crawfordville began participating in NFIP in December of 2000, but its flood prone maps are currently not available. NFIP is a federal program which allows property owners within a participating area to purchase federally backed flood insurance. The Federal Emergency Management Agency (FEMA) has mapped flood prone areas of Taliaferro County based on the 100 year floodplain. This is the national standard on which flood management and NFIP insurance requirements are based. These maps are available to the public through FEMA. Carefully monitored development in these areas is essential to guarantee both the functional integrity of the floodplains and the safety, health, and property of all Taliaferro County citizens.

Assessment

Development shall not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the flood plain, or result in a washout of solid waste so as to pose a threat to human health or the environment. Therefore no solid waste handling facility in Taliaferro County may lie within an area designated as the 100-year flood plain or within areas susceptible to flooding. Because of the rural character of Taliaferro County, land demand is not so great as to force development into floodplain areas. The closed landfill does not lie in a floodplain area.



Wetlands

Inventory

Freshwater wetlands are defined by federal law as those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Some examples of wetlands include marshes, swamps, bogs and similar areas. Under natural conditions wetlands help to maintain and enhance water quality by filtering out sediments and other non-point source pollutants from adjacent land uses. In addition to this, they store water and provide habitat for a variety of plant and animal species.

Land uses in wetland areas will be limited to low impact uses such as timber production and harvesting, wildlife and fisheries management, wastewater treatment, and recreation. They are not suitable for solid waste facilities. These land uses as well as others are covered in more detail under Section 404 of the Federal Clean Water Act.

Assessment

To insure that no threat to the integrity of wetland areas occurs, no solid waste handling facility (to include transfer stations or landfills) in Taliaferro County may lie within a freshwater wetland area.

Aquifer Recharge Areas

Inventory

Recharge is the process by which precipitation infiltrates soil and rock to add to the volume of water stored in pores and other openings within them. Aquifers are soils or rocks that yield water to wells. Infiltration and recharge takes place in virtually all soils to some degree. The rate or amount of recharge varies however depending on geologic conditions of the area.

The water supply in Taliaferro County comes from ground water sources. These sources provide municipal water as well as individual well water. Taliaferro County is served by the Piedmont and Blue Ridge crystalline rock aquifers. The Piedmont and Blue Ridge aquifers consist of bedrock overlain by unconsolidated material called regolith. Included in the regolith are: saprolite, which is a layer of earthy, decomposed rock developed by weathering of the bedrock; soil that develops on the upper part of the saprolite; and alluvium, which is mainly confined to stream valleys and may overlie soil, saprolite, and bedrock. The saprolite is by far the largest component of the regolith, and has a thickness of 150 feet in places. Saprolite thickness, however, is extremely variable.

The Georgia Department of Natural Resources has mapped all of the recharge areas in the state which are likely to have the greatest vulnerability to pollution of groundwater from surface and near surface activities of man. Development in these areas will be limited to very low impact development in which little to no area is covered with impervious surfaces such as roads, parking lots and building pads. The sub-surface integrity of these areas will also be maintained by avoiding development that may contaminate water supplies (i.e. landfills).



Assessment

In order to preserve the existing level of water quality in Taliaferro County and therefore, continue to provide the citizens with an adequate, in both quantity and quality, potable water supply, no solid waste handling facility or landfill shall be located within two (2) miles of any aquifer recharge area in Taliaferro County.

Water Quality and Water Supply Watersheds

Inventory

Taliaferro County and its two incorporated cities depend entirely on groundwater water sources for their potable water supply, both municipal and individual wells. For this reason, aquifer recharge areas are of primary concern to the citizens of Taliaferro County. Please refer to the "Aquifer Recharge Area" section of this document for more information.

Assessment

No solid waste handling facility may lie within Taliaferro County's water supply watershed or any water supply watershed in adjacent municipalities. For this reason, they will pose no threat to these environmentally sensitive areas.

Water Quality Preservation

Inventory

Taliaferro County and its cities currently enjoy a high level of water quality within the County. In order to preserve the existing level of water quality in the county for both the municipal water supply and individual wells, and to reduce any future costs of maintaining adequate water quality and/or meeting water quality standards, no solid waste handling facilities will be located within wetlands, water supply watersheds or floodplains within Taliaferro County.

Assessment

Additionally, no solid waste handling facilities shall be located within two (2) miles of any aquifer recharge area within Taliaferro County, and no solid waste handling facilities (to include transfer stations or landfills) shall be located in any HUC 12 watersheds containing an impaired waterbody as listed on the Environmental Protection Agency's (EPA) 305(b)/303(d) list at the time of application or within two (2) miles of any such watershed.

Land Use Factors

Land Use Plan/Zoning Restrictions

Inventory

Taliaferro County has a zoning ordinance in place. The Cities of Crawfordville and Sharon do not have zoning at this time. The county's zoning ordinance addresses land uses in an effort to manage



future growth. Additionally, in accordance with the Georgia Planning Act of 1989, the county has a Comprehensive Land Use Plan in place.

Assessment

Based on the relatively small projected population increases for Taliaferro County through 2014, the existing Zoning Ordinance and the Comprehensive Land Use Plan will be adequate for controlling growth patterns in the county. For the purposes of this plan, there is currently no conflicting land use or zoning documents in effect.

Heavily Developed Areas

Inventory

Taliaferro County is a very rural county. The most heavily developed areas are in the two incorporated areas, Crawfordville and Sharon. Outside of these areas, development is very limited. Interstate I-20 runs through the southern portion of the county and there is one (1) interchange on I-20 in Taliaferro County.

Assessment

While the county is rural in nature, future development along Interstate I-20 is expected. Additionally, the county has identified areas around the interchange as prime economic development areas and expects future business and economic growth to occur in those areas. As a result, no solid waste handling facility may be located within a two (2) mile radius of the county's I-20 interchange(s).

Three Mile Distance from a National Historic Site Inventory

Inventory

Usually, a national historic site contains a single historical feature that was directly associated with its subject. Derived from the Historic Sites Act of 1935, a number of historic sites were established by secretaries of the Interior, but most have been authorized by acts of Congress.

Although there are no National Historic Sites in Taliaferro County, there are several historic resources on the National Register of Historic Places that the cities and county would like to protect. The Alexander H. Stephens home, the Taliaferro County Courthouse (both in Crawfordville), the Chapman-Steed House (Broad Street in Crawfordville), Liberty Hall (at AH Stephens Memorial State Park), and Colonsay Plantation (north-northeast of Crawfordville) are all on the National Register of Historic Places. The Locust Grove Cemetery located outside of Sharon, was added to the National Register of Historic Places in 2000 and is the cemetery of the oldest Catholic settlement in the state of Georgia. Additionally, the Crawfordville Historic District been approved by Georgia National Register Review Board in September 2004 and will be listed on the National Register of Historic Places in early 2005 by the National Park Service.



Assessment

No solid waste handling facility may be located within a three (3) mile radius around the County Courthouse or any National Register site noted herein. Additionally, no solid waste handling facility may be located within a three (3) mile radius around any future site or district nominated or designated to be included in the National Register of Historic Places.

Proximity to Airports

Inventory

There are currently no Airports in Taliaferro County. The closest airport to Taliaferro County is located 16 to 18 miles west in Greene County.

Assessment

Proximity to airports is currently not a significant land limitation factor in Taliaferro County. Owners or operators proposing to site new MSWLF units and lateral expansions within a five-mile radius of any public-use or private-use airport runway end used by turbojet or piston-type aircraft must notify the affected airport and the Federal Aviation Administration (FAA).

Jurisdictional Boundaries

Inventory

Taliaferro County is bordered by Greene, Hancock, Oglethorpe, Warren and Wilkes Counties. No solid waste handling facilities in the county currently touch any of the surrounding jurisdictions.

Assessment

Until any multi-jurisdictional agreements are made between Taliaferro County and its neighboring counties, solid waste handling facilities will be located in such a way as to not be a detriment to these other jurisdictions. The county respects the siting criteria adopted by its neighboring counties. Because of the rural atmosphere of Taliaferro County, and the ample supply of open land, the development criteria will not pose a problem for the county as long as any development does not conflict with a neighboring jurisdiction's siting criteria, their solid waste handling facilities or their solid waste management plans.

Access

Inventory

Any future solid waste handling facilities will need to be sited on an easily accessible parcel of land with direct road access that includes paved deceleration and acceleration lanes that do not interfere with normal roadway or rail system operations. The highway system in Taliaferro County is generally well maintained and covers all areas of the county.



JOINT SOLID WASTE MANAGEMENT PLAN

Assessment

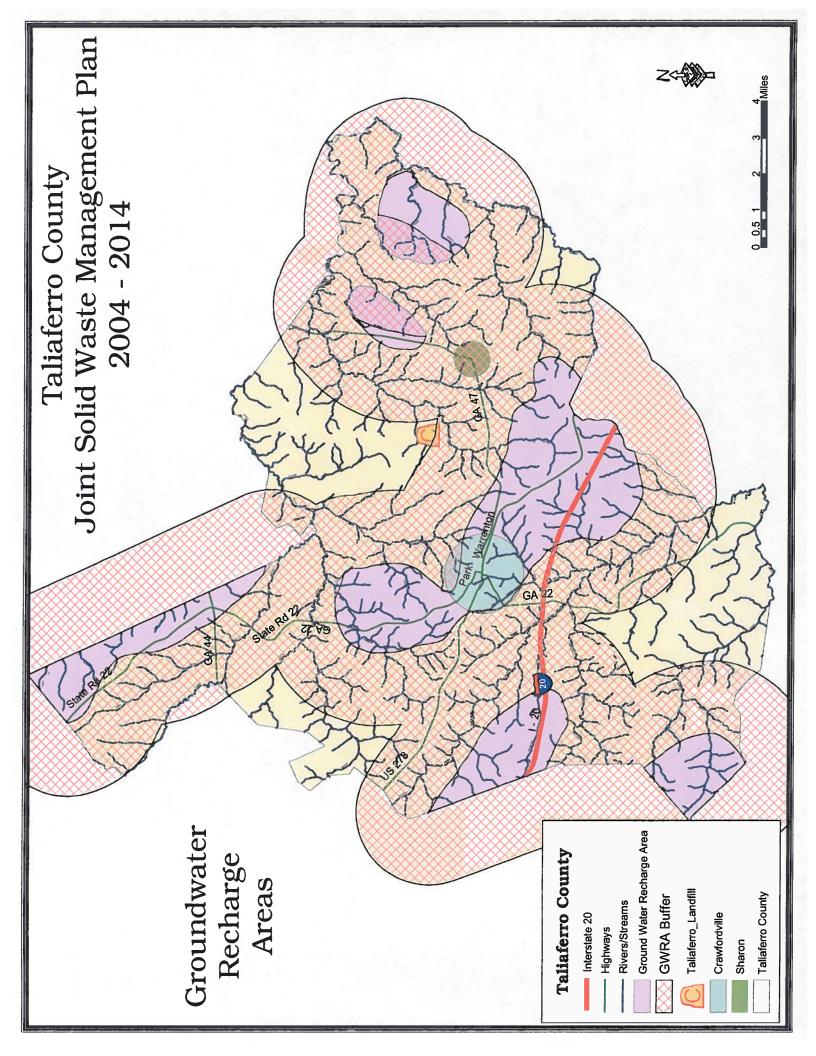
Access does not present a major hurdle in Taliaferro County. Most parcels in the county are easily accessible by road and the roads, while not all paved, are generally well-maintained. Roads are normally only two lanes and would have to be widened to accommodate a solid waste handling facility. Any road approaching a solid waste handling facility would have to be paved to include storm drainage, proper striping and signage, and acceleration/deceleration lanes according to Georgia DOT specifications.

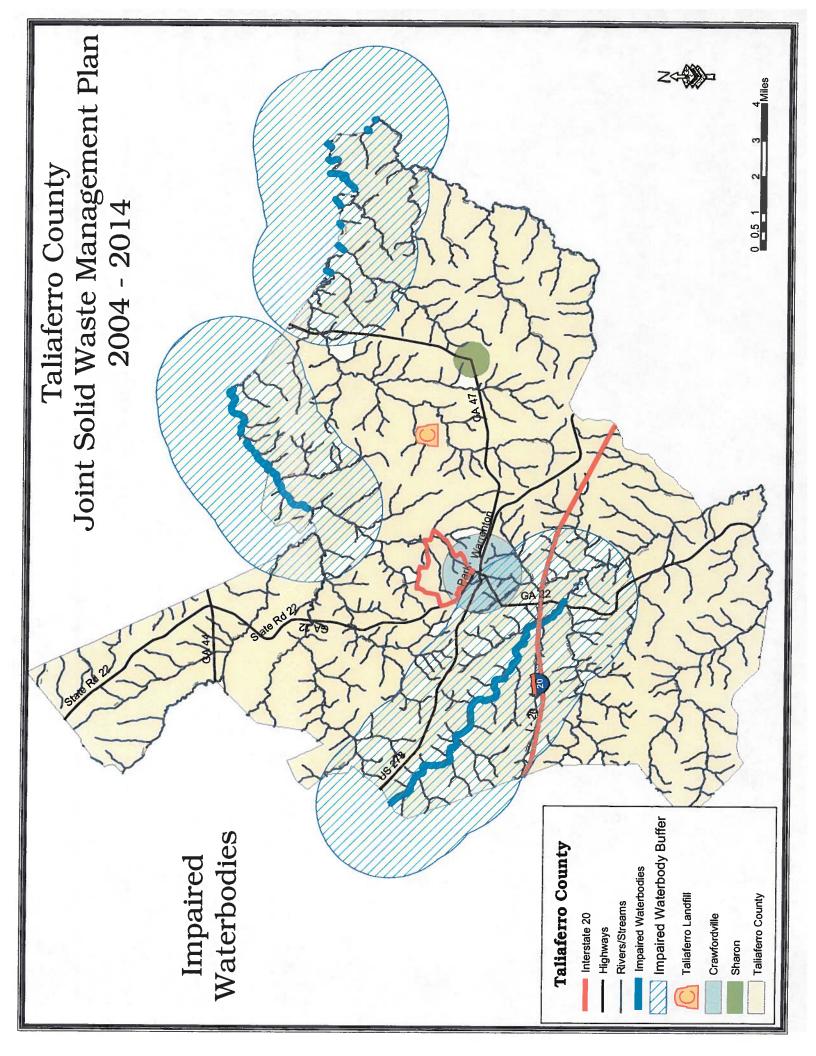
Maps on the following pages delineate many of the areas covered by the above criteria as of the adoption date of this plan.

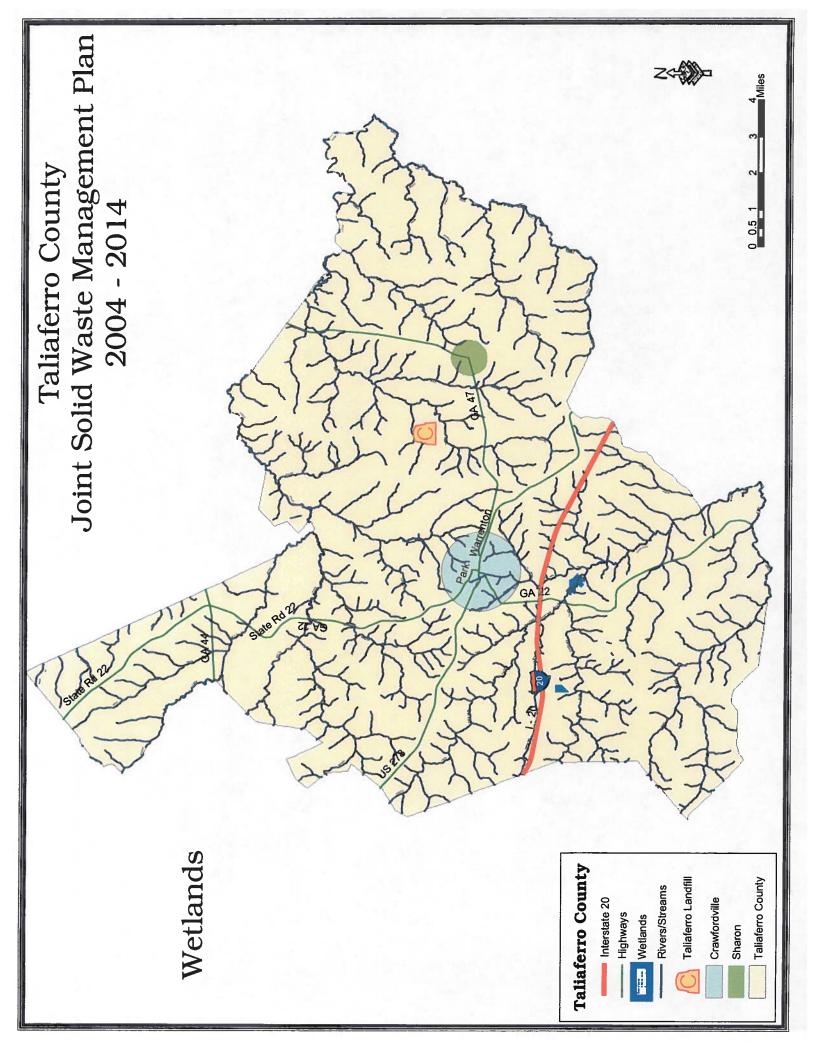
Composite Map

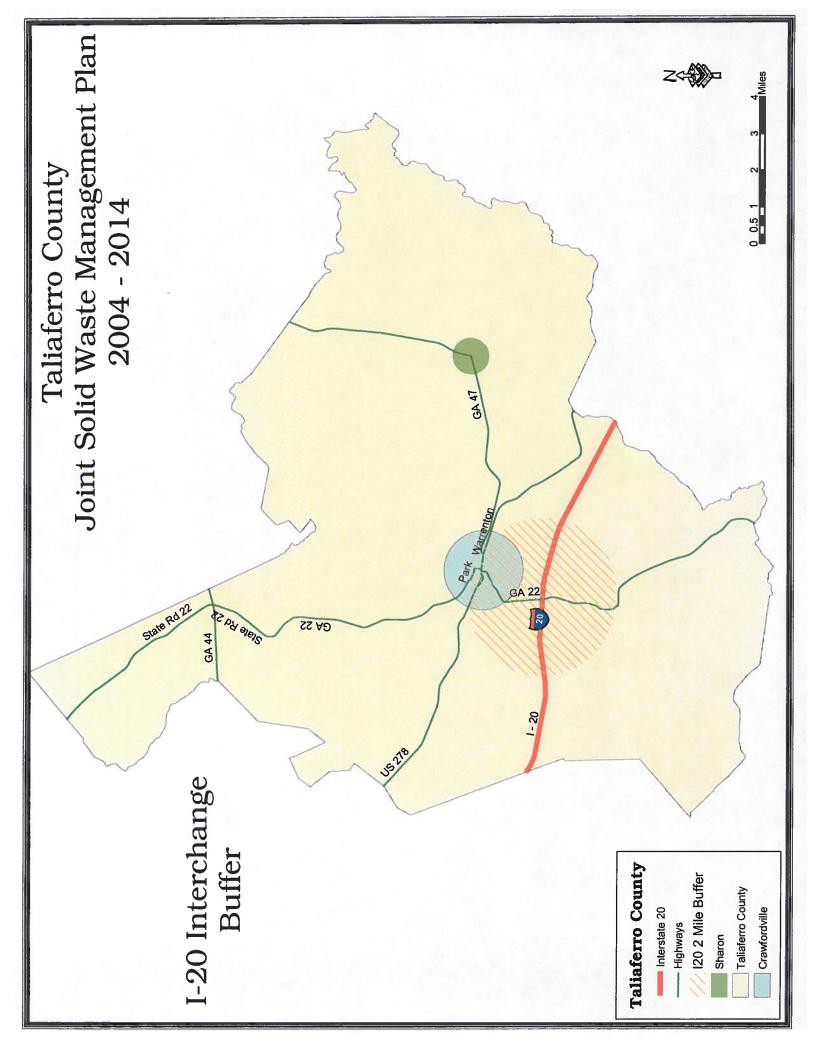
Landfill Suitability Maps

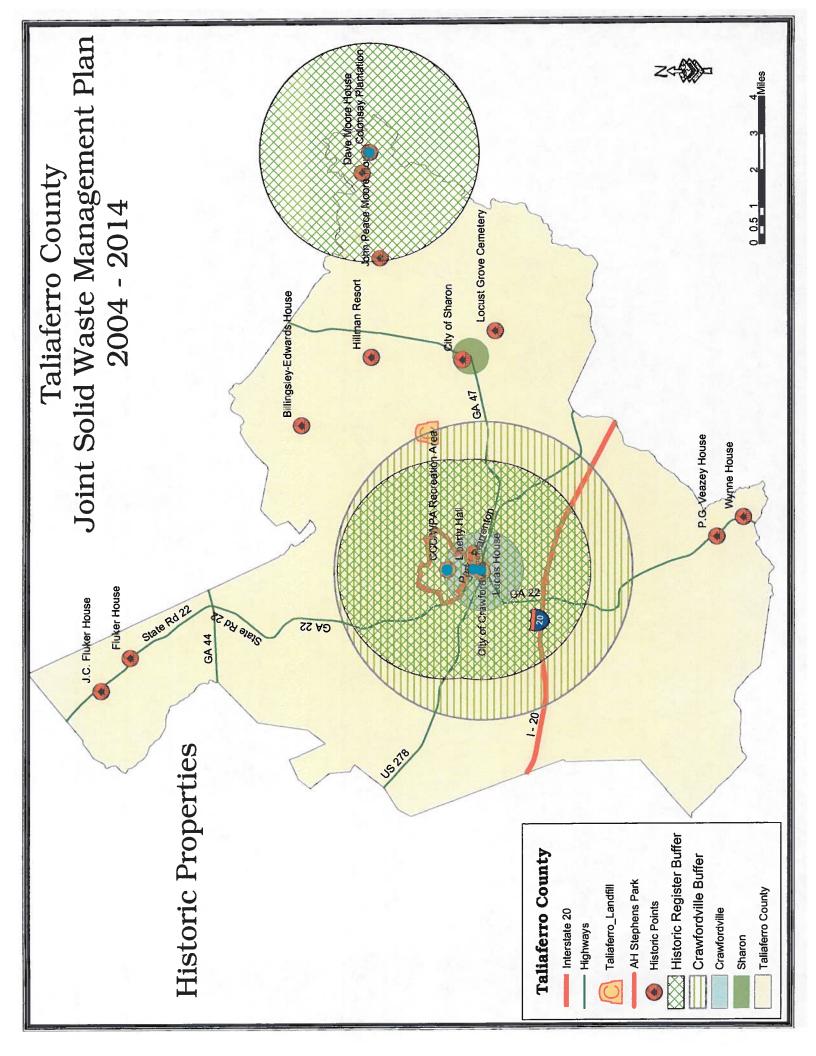












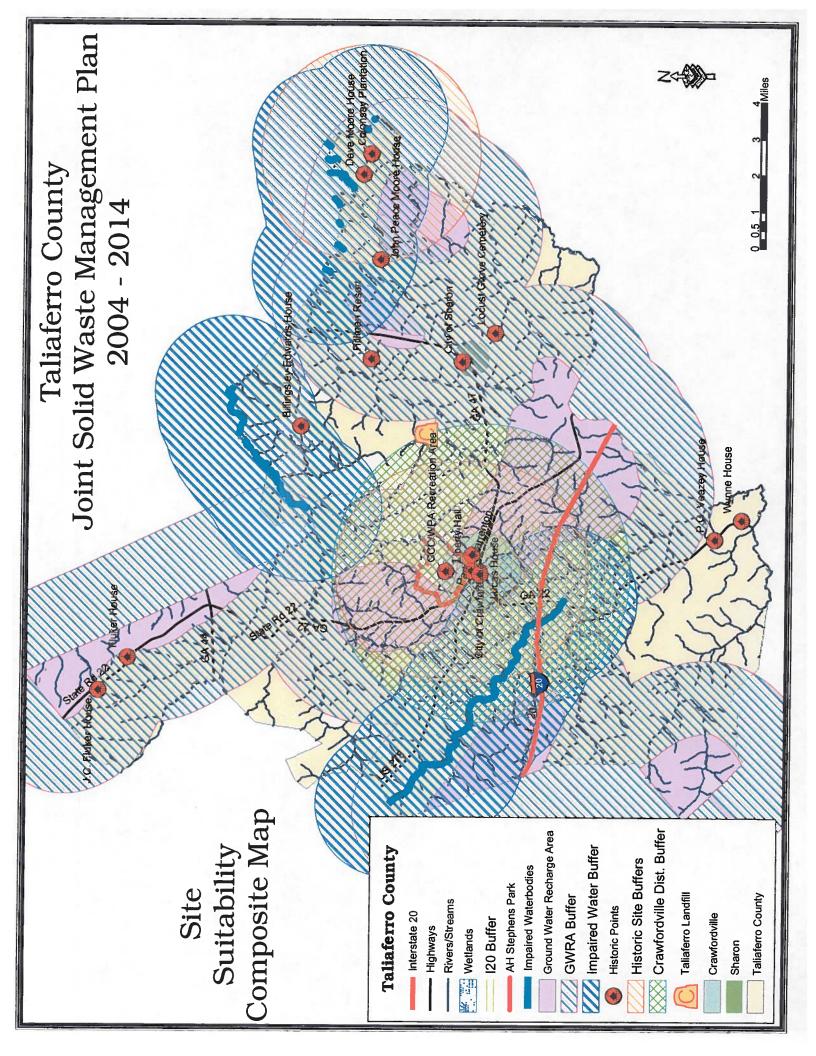


Table 7-1
Landfill Suitability Criteria

Zone	Criteria	Туре		
Water Protection (Geotechnical)	Major Fault Zone	Exclusionary		
	Public Drinking Water Sources	Exclusionary		
	Hydrologically Sensitive Area	Ranked		
	Private Drinking Water Wells	Ranked		
	Lakes, Rivers, and Creeks	Exclusionary		
	Floodplains	Exclusionary		
	Wetlands	Exclusionary and Ranked		
	Steep Areas	Exclusionary		
Land Use	Airports	Exclusionary		
	Nonparticipating County Borders	Exclusionary		
	Public Lands and Parks	Exclusionary		
	Population Density	Exclusionary and Ranked		
	Historic and Key Archaeological Sites	Ranked		
	Biological/Rare Element Sites	Ranked		
Host Community Concerns	Existing Pollution Sources	Ranked		

Procedures for Siting Solid Waste Handling Facilities

Any entity requesting a renewal or issuance of a solid waste handling permit from EPD must demonstrate that the facility or facility expansion is consistent with the local government's solid waste management plan. Chapter 391-3-4 of the Georgia Department of Natural Resources' Environmental Protection Division relates to Solid Waste Management in Georgia. Chapter 391-3-4.05 deals specifically with the siting criteria associated with siting solid waste handling facilities. The County has also adopted the Solid Waste Handling and Disposal Ordinance which more clearly defines the siting requirements. In addition to the criteria set forth under DNR's regulations and the County's ordinances, the county will also use the following criteria to determine whether the issuance of the requested permit is consistent with the Solid Waste Management Plan:

Sixty (60) days prior to any permit request, the developer must notify the county and must hold at least one public hearing, at the expense of the Developer, on the proposed solid waste handling facility site.

- 1. The Developer shall give adequate advance notice of the hearing to citizens by:
 - publishing the notice in the legal organ of the which includes information on the purpose, time and location of the hearing;
 - informing the Chairman of the County Commission;



JOINT SOLID WASTE MANAGEMENT PLAN

- posting notices of the hearing at the county library, City Halls, and the County Courthouse; and
- notifying, by certified mail, all of the adjacent landowners to the prospective site
- 2. The Developer shall hold the hearing at a time and location convenient to citizens and with accommodation for persons with disabilities to attempt to maximize the participation of interested citizens.
- 3. In the case where a significant number of non-English speaking residents can be reasonably expected to participate, the Developer will provide a qualified interpreter at the public hearing to accommodate the needs of these residents.
- 4. The Developer will receive comments on the proposed facility from citizens and local government officials for a period of not less than thirty (30) days.
- 5. The Developer will consider any comments or views of citizens and local government officials received in writing or orally at the public hearing. A summary of these comments or views shall be provided to the County Commission.

All future sitings must adhere to all city and county ordinances. No proposed facility or facility expansion will be sited in the County without a letter from the County Commission stating that the facility is consistent with the Solid Waste Management Plan. To determine if a proposed facility or facility expansion is consistent with the Plan, an owner/operator of the facility shall:

- 1. At least 60 days prior to filing for a solid waste handling permit, or notifying EPD in the case of a solid waste handling facility that is permitted by rule, submit to the local governing authority a written statement documenting the following:
 - a. How the proposed facility or facility expansion will meet the specific goals and/or needs identified in the SWM Plan, specifically what will be
 - i. The impact upon the collection capability within the County and within the surrounding region;
 - ii. The impact upon disposal capacity identified in the County and within the surrounding region;
 - iii. The impact to the waste reduction and recycling efforts within the County and within the surrounding region;
 - iv. The impact on the County's ability to contribute to the State's 25 percent waste reduction goal.
 - b. How the proposed facility or facility expansion and its operation will impact the community, by stating specifically what will be:
 - i. The impact to vehicle traffic and public safety around the proposed facility and throughout the county and within the surrounding region;
 - ii. The impact to the financial viability of the existing solid waste management system within the county and within the surrounding region;
 - iii. The impact to individual and commercial solid waste management rates;
 - iv. The impact to other natural or cultural resources within the County and within the surrounding region; and
 - v. The impact to the current solid waste management infrastructure within the County and within the surrounding region, both public and private.
 - c. How the owner/operator of the proposed facility (and any subsequent



- owner/operators if sold) will satisfy the financial assurance provisions of the plan and local ordinances, such as the Solid Waste Handling and Disposal Ordinance;
- d. That the proper public notification process was followed.
- e. That the proposed facility or facility expansion is sited in a location that is consistent with local zoning ordinances.
- 2. No solid waste handling facilities shall be allowed or commenced until a plan has been submitted to the Board of Commissioners, disclosing compliance with all of the provisions of the Solid Waste Handling and Disposal Ordinance. Such plans shall include, among other things, the following:
 - a. A traffic safety and improvement plan with map;
 - b. A sight barriers and fencing plan with map or illustration;
 - c. A nuisance abatement plan with map or illustration;
 - d. A copy of the design and operation plan submitted to and approved by the Georgia Environmental Protection Division.
 - e. A map disclosing the location of all "state waters" and water supply wells from which the samples will be taken for analysis in accordance with Section 3 of the ordinance and disclosing the groundwater flow in all directions in all aquifers.
 - f. A Written Agreement, signed by the owner/operator of the landfill, agreeing to abide by the plan for solutions to groundwater contamination should such contamination occur as a result, or suspected result, of the disposal operations.
- 3. The County Commission shall review the "Written Statement of Consistency" and shall determine if the proposed facility or facility expansion is consistent with the Solid Waste Management Plan. Within 30 days of making their determination, the County Commission shall notify the developer whether or not the proposed facility or facility expansion is consistent with the Plan. If the proposed facility is not consistent with the Plan, the developer may address the inconsistencies and resubmit their request for another review.

Assessment of Land Limitation

Based on the siting criteria noted above, approximately 89 percent of the land area in Taliaferro County is considered unsuitable for, or of limited suitability for, siting of a solid waste handling facility. The procedure described above, once put into place, will help ensure that facilities sited in the County are consistent with this Plan and that natural and cultural resources will be protected. The Solid Waste Handling and Disposal Ordinance is an important part of protecting natural and cultural resources in the county.

Needs and Goals

The County's goal for land limitation is to ensure that proposed solid waste handling facilities are compatible with surrounding areas and are placed in areas suitable from both an environmental and land use perspective.

- > Continue to perform monitoring of land uses.
- Monitor closed landfill as required.
- Enforce jurisdictional ordinances through code enforcement.



8. Implementation Strategies

Summary of County Need and Goals

Taliaferro County has established the following needs and goals as part of its Solid Waste Management Plan:

- To provide for the assurance of adequate solid waste collection capability and disposal capacity within the county over the next ten years.
- To contribute to the per capita reduction in the amount of municipal solid waste received at disposal facilities to meet a 3.75 lbs/person/day disposal rate goal.
- > To ensure that residents and businesses in the region understand the issues, needs, and goals of the solid waste management plan.
- > To ensure that proposed solid waste handling facilities are compatible with surrounding areas and are placed in areas suitable for such developments.
- > To achieve a balanced and affordable solid waste management plan implementation strategy, while also meeting the goals and requirements of state law.
- > To address the illegal scrap tire and other dumping, and littering in the county through a strong education, recycling and reduction program.

Statement/Demonstration of 10-Year Collection Capability

Taliaferro County continues to collect municipal solid waste from its existing green box system during the planning period. This has been the most economical option for Taliaferro County's disposal of solid waste generated within the County. This has also been the best option for Taliaferro County in terms of preservation of water quality, historic resources and general health and welfare of its citizens. The county is committed to reviewing this collection methodology during the planning period (see Short Term Work Program) and will continue to budget for this collection method during the planning period. Therefore, Taliaferro County will continue to export all waste generated within the County to the Wilkes County transfer station and conversely will not accept waste from outside the county by the construction of any new solid waste facilities in Taliaferro County. The City of Sharon will continue to utilize the county's nearby green box collection sites during the planning period and the county will continue to service those sites. The City of Crawfordville will continue to contract out the collection of municipal solid waste to a private hauler during the planning period. These techniques will adequately ensure that each jurisdiction can maintain collection efforts sufficient to meet demand during the period covered by this Solid Waste Management Plan.

Statement/Demonstration of 10-Year Disposal Capacity

As noted previously, the population of Taliaferro County is expected to experience very little growth so it is reasonable to assume that the County's current disposal programs and operations will be adequate for meeting the County's needs during the 10-year planning period.

The Oak Grove Landfill, located in Barrow County (permit number 007-020D(SL)) currently has a remaining capacity of 3,624,504 and its estimated fill date is 11/01/2008 (see Appendix D). If the



JOINT SOLID WASTE MANAGEMENT PLAN

Oak Grove Landfill reaches capacity earlier than 2008, Taliaferro County has several options. The Oak Grove Landfill is in the process of developing expansion plans and hopes to increase capacity prior to the estimated fill date. Additionally, Augusta-Richmond County is currently in the process of an expansion of their Deans Bridge Road Landfill and would have adequate capacity to receive Taliaferro County's solid waste as well. The county could also consider an agreement with the Allied Services LLC (Landfill) in Taylor County to transfer waste there since the Crawfordville hauler already has an agreement with them.

Short Term Work Program (Implementation Strategy)

The Implementation Strategy for each jurisdiction covered under this Solid Waste Management Plan is attached and outline the proposed activities to meet the goals and objectives of this plan. The first five years of the Implementation Strategy will serve as the first Short-Term Work Program. The second half of the Implementation Strategy will be updated in accordance with the planning schedule established and revised from time to time by the Department of Community Affairs.

Appendix

- A. Implementation Strategy
- B. Local Government Transmittal Resolutions
- C. Capacity Letters
- D. City of Crawfordville Sanitation Collection Agreement
- E. Public Dumpster Regulations
- F. Solid Waste Handling and Disposal Ordinance



Taliaferro County and the Cities of Crawfordville and Sharon Joint Solid Waste Management Plan Implementation Strategy 2005-2014

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Consider collecting yard trimmings or even providing an larea for yard trimmings drop off.	Research existing greenbox system and determine if changes 4 are needed.	Evaluate collection efforts periodically to determine whether changes are needed.		Continue to maintain and purchase solid waste equipment needed to properly operate solid waste collection efforts.	Collection Element	Consider developing a county-wide mulching operation to reduce yard trimmings going into Georgia inert landfills.	Participate in a regional recycling program to reduce 7 recycling and educational costs.	Work with the State's Recycling Coordinator to identify viable recycling projects in the county in coming years.	Participate in ACCG and GMA's programs designed to give local officials the opportunity to record public service announcements about environmental issues.		Develop necessary steps to prevent and discourage out-of-county dumpers from disposing of waste at the county's collection points.		Continue to pursue a reduction in solid waste received at disposal facilities, focusing on a goal of 3.75 lbs/person/day.	Waste Reduction Element	ACTIVITY
×		×	×	×		×	×	×	×	×	×	×	×		2005
×			×	×		×	×	×	×	×	×	×	×		2006
×	×	×	×	×		×	×	×	×	×	×	×	×		2007
×			×	×		×	×	×	×	×	×	×	×		2008
×	×	×	×	×		×	×	×	×	×	×	×	×		2009
×			×	×		×	×	×	×	×	×	×	×		2010
×	×	×	×	×		×	×	×	×	×	×	×	×		2011
×			×	×		×	×	×	×	×	×	×	×		2012
×	×	×	×	×		×	×	×	×	×	×	×	×		2013
×			×	×		×	×	×	×	×	×	×	×		2014
Cities/County	Cities/County	Cities/County	Cities/County	Cities/County		Cities/County	Cities/County/ RDC	Cities/County	Cities/County	County	Cities/County/ County Extension Office	Cities/County/ County Extension Office	Cities/County/ County Extension Office		Responsible Party
N/N	\$50,000	N/N	N/A	V/N		\$15,000	\$30,000	N/N	N/A	\$75,000	N/N	N/A	N/A		Cost
N/N	County/ GEFA	N/A	N/N	N/N		Cities/ County	Grants/ Cities/ County	N/A	N/N	DNR Scrap Tire Grant	N/A	N/A	N/A		Funding Source

Joint Solid Waste Management Plan Implementation Strategy 2005-2014 Taliaferro County and the Cities of Crawfordville and Sharon

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Develop education and awareness programs of recycling, especially of paper and organic waste materials; use DCA's environmental handouts for distribution.	Educate the County on the importance of pursuing a reduction in the amount of solid waste received at disposal facilities;	Education and Public Involvement Element	Enforce jurisdictional ordinances through code enforcement program.	Monitor closed landfill as required.	Continue to perform monitoring of land uses.	Land Limitation Element	Develop scrap tire cleanup program to encourage proper scrap tire disposal and to enforce current illegal dumping ordinances.	Continue to provide adequate solid waste greenboxes and hauling vehicles to ensure effective, efficient disposal.	Negotiate mutual agreements associated with contingency disposal needs with neighboring jurisdictions.	Pursue a reduction in the amount of solid waste received at disposal facilities which meets the 3.75 lbs/person/day disposal rate goal	Disposal Element	Provide alternative waste disposal and recycling opportunities in the county and follow-up with the necessary education to make them successful, as funds permit.	Consider hiring a code enforcement officer to enforce the codes of the county.	Maintain current collection contingency program.	Prepare a ten-year capital improvement schedule for solid waste purposes.	ACTIVITY
×	×			×	×		×	×	×	×		×	×	×	×	2005
×	×		×	×	×				×	×		×	×	×	×	2006
×	×		×	×	×		3 2		×	×	-	×	×	×	×	2007
×	×		×	×	×		×	×	×	×		×	×	×	×	2008
×	×		×	×	×				×	×		×	×	×	×	2009
×	×		×	×	×				×	×		×	×	×	×	2010
×	×		×	×	×		×	×	×	×		×	×	×	×	2011
×	×		×	×	×				×	×		×	×	×	×	2012
×	×		×	×	×				×	×		×	×	×	×	2013
×	×		×	×	×		×	×	×	×		×	×	×	×	2014
County/County Extension Office	County/County Extension Office		County	County	County		County	County	Cities/County	Cities/County		Cities/County	Cities/County	Cities/County	Cities/County	Responsible Party
N/A	N/A		\$40,000/yr	\$40,000/yr	N/A		\$75,000	N/A	N/A	N/N		\$30,000/yr	N/A	N/A	N/A	Cost
N/A	N/A		General Fund	General Fund	N/A		DNR Scrap Turc Grant	N/A	N/N	N/A		grants/ county	N/N	N/A	N/A	Funding Source

Taliaferro County and the Cities of Crawfordville and Sharon Joint Solid Waste Management Plan Implementation Strategy 2005-2014

œ	7	0	O	4	ω		
Publicize Scrap Tire Cleanup Project when funded and 8 operational.	Publicize and promote all proposed solid waste reduction programs through the County Extension Service or Farm 7 Bureau.	Work with the State's Recycling Coordinator to identify by sable education and recycling projects in the county.	Participate in ACCG and GMA's programs designed to give local officials the opportunity to record public service announcements about recycling and reduction efforts.	Consider participating in a regional Keep America Beautiful affiliate which will encourage public involvement and increase public education opportunities.	information and educate the public about recycling programs.	ACTIVITY	
×	×	×	×	×	×	2005	
	×	×	×	×	×	2006 2007	
	×	×	×	×	×	2007 2008	
×	×	×	×	×	×		
	×	×	×	×	×	2009	
	×	×	×	×	×	2010	
×	×	×	×	×	×	2011	
	×	×	×	×	×	2012	
5	×	×	×	×	×	2013	
×	×	×	×	×	×	2014	
County	County/County Extension Office	County/County Extension Office/ State Recycling Coordinator	County/County Extension Office	County/County Extension Office	County/County Extension Office	Responsible Party	
\$2,500/yr	N/A	N/A	N/A	N/N	N/A	Cost	
DNR Scrap Tire Grant	N/A	N/A	N/A	N/A	N/N	Funding Source	

P.3

A RESOLUTION TALIAFERRO COUNTY BOARD OF COMMISSIONERS

ADOPTION OF THE JOINT SOLID WASTE MANAGEMENT PLAN

WHEREAS, the Standards and Procedures of the Georgia Comprehensive Solid Waste Management Act, which are intended to provide a framework to facilitate and encourage integrated, comprehensive solid waste management planning at the local, multi-jurisdictional, and regional levels, have been met;

WHEREAS, the Taliaferro County Board of Commissioners has received a letter indicating the Department of Community Affairs has reviewed the draft joint solid waste management plan and found it to be consistent with the minimum planning standards and procedures for solid waste management;

WHEREAS, the Taliaferro County Board of Commissioners is required to adopt the Joint Solid Waste Management Plan for Taliaferro County/City Crawfordville/City of Sharon to be considered "an eligible local government";

BE IT THEREFORE RESOLVED, that the Chairman and the Board of Commissioners of Taliaferro County do hereby adopt the Joint Solid Waste Management Plan for Taliaferro County/City Ctawfordville/City of Sharon 10-Year Update.

Adopted this lo day of Coml 2005

Chairman

ATTEST: Kuby Kandulph

A RESOLUTION OF THE CITY OF SHARON ADOPTING THE UPDATE TO THE JOINT TALIAFERRO COUNTY/CITY OF CRAWFORDVILLE/CITY OF SHARON COMPREHENSIVE PLAN 2005-2025

WHEREAS, The Sharon City Council, the governing authority of the City of Sharon, has prepared an update to the Joint Taliaferro County/City of Crawfordville/City of Sharon Comprehensive Plan for the years 2005-2025; and

WHEREAS, The Joint Taliaferro County/City of Crawfordville/City of Sharon Comprehensive Plan Update was prepared in accordance with the Rules and Procedures of the Georgia Department of Community Affairs; and

WHEREAS, The Joint Taliaferro County/City of Crawfordville/City of Sharon Comprehensive Plan Update has been reviewed by the Central Savannah River Area Regional Development Center and the Georgia Department of Community Affairs and found to be in compliance with the Minimum Standards and Procedures for Local Comprehensive Planning;

NOW, THEREFORE, BE IT RESOLVED by the Sharon City Council that the Joint Taliaferro County/City of Crawfordville/City of Sharon Comprehensive Plan Update is hereby adopted and that a copy of this resolution shall be submitted to the Central Savannah River Area Regional Development Center.

Adopted this 14 day of MARCH

_, 2005

(Mayör)

ATTEST:

(Clerk)

TO:17062102006

P. 4

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A RESOLUTION CITY OF CRAWFORDVILLE

ADOPTION OF THE JOINT SOLID WASTE MANAGEMENT PLAN

WHEREAS, the Standards and Procedures of the Georgia Comprehensive Solid Waste Management Act, which are intended to provide a framework to facilitate and encourage integrated, comprehensive solid waste management planning at the local, multi-jurisdictional, and regional levels, have been met;

WHEREAS, the City of Crawfordville Mayor and City Council have received a letter indicating the Department of Community Affairs has reviewed the draft joint solid waste management plan and found it to be consistent with the minimum planning standards and procedures for solid waste management;

WHEREAS, the City of Crawfordville Mayor and City Council are required to adopt the Joint Solid Waste Management Plan for Taliaferro County/City of Crawfordville/City of Sharon to be considered "an eligible local government";

BE IT THEREFORE RESOLVED, that the City of Crawfordville Mayor and City Council do hereby adopt the Joint Solid Waste Management Plan for Taliaferro County, City of Crawfordville/City of Sharon 10-Year Update.

Adopted this 7th day of april 2005

Variat

ATTEST Judy liera

A RESOLUTION TALIAFERRO COUNTY BOARD OF COMMISSIONERS

TRANSMITTAL OF SOLID WASTE MANAGEMENT PLAN UPDATE

WHEREAS, the Minimum Planning Standards for Solid Waste Management Plans requires that the community's Solid Waste Management Plan be updated every 10 years; and

WHEREAS, the community is required to transmit a copy of the Joint Taliaferro County/City of Crawfordvillc/City of Sharon Solid Waste Management Plan to the Central Savannah River Area Regional Development Center upon its completion for review; and

WHEREAS, the community met the requirements for holding two public hearings related to the development of the Solid Waste Management Plan 10-Year Update, with the first hearing being held on August 24, 2004 and the second hearing on December 8, 2004; and

WHEREAS, the Taliaferro County Board of Commissioners certifies that the minimum public hearing requirements as required by the Georgia Department of Community Affairs Minimum Planning Standards and Procedures have been met.

BE IT THEREFORE RESOLVED, that the Chairman and the Board of Commissioners of Taliaferro County do hereby transmit the Joint Taliaferro County/City of Crawfordville/City of Sharon Solid Waste Management Plan 10-Year Update to the Central Savannah River Area Regional Development Center for review under the Minimum Planning Standards and Procedures for Solid Waste Management Plans.

Adopted this 21 day of De comber, 2004

Chairman

ATTEST: Ruby Kandolph

TALIAFERRO COUNTY BOARD OF COMMISSIONERS

JOINT TALIAFERRO COUNTY/CITY OF CRAWFORDYILLE/CITY OF SHARON COMPREHENSIVE PLAN UPDATE

RESOLUTION OF TRANSMITTAL

Transmittal of the Joint Taliaferro County/City of Crawfordville/City of Sharon Comprehensive Plan Update to the Central Savannah River Area Regional Development Center.

WHEREAS, the Taliaferro County Board of Commissioners has completed a Joint Taliaferro County/City of Crawfordville/City of Sharon Comprehensive Plan Update,

WHEREAS, the Taliaferro County Board of Commissioners certifies that the minimum public hearing requirements as required by the Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Comprehensive Planning have been met.

BE IT THEREFORE RESOLVED, that the Taliaferro County Board of Commissioners does hereby transmit the Joint Taliaferro County/City of Crawfordville/City of Sharon Comprehensive Plan Update to the Central Savannah River Area Regional Development Center for review under the Minimum Planning Standards and Procedures for Comprehensive Planning.

Adopted this 21 day of December 2004.

Chairman, Taliaferro County Board of Commissiners

ATTEST:

CITY OF CRAWFORDVILLE

JOINT TALIAFERRO COUNTY/CITY OF CRAWFORDVILLE/CITY OF SHARON COMPREHENSIVE PLAN UPDATE

RESOLUTION OF TRANSMITT!

Transmittal of the Joint Taliaferro County/City of Crawfordville/ Lity of Sharon Comprehensive Plan Update to the Central Savannah River Area Regional Develorment Center.

WHEREAS, the City of Crawfordville Mayor and City Council have completed a Joint Taliaferro County/City of Crawfordville/City of Sharon Comprehensive Plan Update,

WHEREAS, the City of Crawfordville Mayor and City Council Certify that the minimum public hearing requirements as required by the Georgia Department of Community Affairs Minimum Planning Standards and Procedures for Comprehensive Planning I are been met.

BE IT THEREFORE RESOLVED, that the City of Crawfordvil e Mayor and City Council do hereby transmit the Joint Taliaferro County/City of Crawfordville City of Sharon Comprehensive Plan Update to the Central Savannah River Area Regional Development Center for review under the Minimum Planning Standards and Procedures for Comprehen: ive Planning.

Adopted this / 6 day of December 2004.

Drudy Carino

ATTEST:

FROM: MARTIN LAPSKER

A RESOLUTION CITY OF CRAWFORDVILLE

TRANSMITTAL OF SOLID WASTE MANAGEME NT PLAN UPDATE

WHEREAS, the Minimum Planning Standards for Solid Waste Ma tagement Plans requires that the community's Solid Waste Management Plan be updated every 10 'ears; and

WHEREAS, the community is required to transmit a copy of the loint Taliaferro County/City of Crawfordville/City of Sharon Solid Waste Management Plan to the Central Savannah River Area Regional Development Center upon its completion for review; an

WHEREAS, the community met the requirements for holding two public hearings related to the development of the Solid Waste Management Plan 10-Year Update, with the first hearing being held on August 24, 2004 and the second hearing on December 8, 2004 and

WHEREAS, the Mayor and City Council of Crawfordville certifies that the minimum public hearing requirements as required by the Georgia Department of Community Affairs Minimum Planning Standards and Procedures have been met.

BE IT THEREFORE RESOLVED, that the Mayor and City Council of Crawfordville do hereby transmit the Joint Taliaferro County/City of Crawfordville/City of Sharon Solid Waste Management Plan 10-Year Update to the Central Savannah River Area Regiona Development Center for review under the Minimum Planning Standards and Procedures for Solic Waste Management Plans.

Adopted this 16 day of 11 and 2004.

Mayor

ATTEST: Vindy Checuse

Milkes County Board of Commissioners

23 Court Street, Room 222
WASHINGTON, GEORGIA 30673
Telephone (706) 678-2511
Fax (706) 678-3033
email: wcboc@washingtonwilkes.org

COMMISSIONERS
SAM MOORE, Chairman
J. MARSHALL SHERRER, Vice-Chairman
E. JERRY STOVER, JR.
W. ED BURDETTE, JR.
DONNA B. HARDY

Clerk DAVID L. TYLER

Attorney CHARLES LeGETTE

December 13, 2004

Chairman Charles Ware
Taliaferro Board of Commissioners
P.O. Box 114
Crawfordville, GA 30631

Dear Chairman Ware:

This letter serves as a disposal capacity assurance for waste generated by Taliaferro County from 2005 - 2014. Waste is currently hauled by the county to the Wilkes County Transfer Station and the Georgia EPD permit multiper for this facility is PBR-157-02TS. This assurance is based upon Taliaferro County disposing of approximately 1,600 tons of waste at this facility on an annual basis.

We thank the Taliaferro County Board of Commissioners for this business partnership and look forward to providing environmentally sound waste disposal options for the foreseeable future.

Sam Moore Chairman



131 Britt Waters Road NW Milledgeville, GA 31061

(478) 453-4435 (478) 452-2177 Fax attawaywaste@alltel.net

November 24, 2004

The Honorable Lois Richards Mayor, City of Crawfordville PO Box 8 Crawfordville, GA 30631

Dear Mayor Richards:

This letter serves as a disposal capacity assurance for waste generated by the City of Crawfordville, Georgia. Waste is hauled by Attaway Waste Services to the Macon City Landfill, Macon, Georgia. The Georgia EPD permit number for this facility is 011-017D(SL). This facility has a remaining capacity of 8.5 years.

Waste is also hauled by Attaway Waste Services to the Taylor County (Southern States Environmental Services) Landfill, Mauk, Georgia. The Georgia EPD permit number for this facility is 133-003D(SL). This facility has a remaining capacity of 23 years.

This assurance is based upon the City of Crawfordville, disposing of approximately two hundred forty (240) tons of waste on an annual basis.

We thank the City of Crawfordville, Georgia for this business partnership and look forward to providing environmentally sound waste disposal options for the foreseeable future.

Sincerely,

Robbie Attaway

Manager

dca

AGREEMENT FOR SOLID WASTE COLLECTION SERVICES

THIS AGREEMENT, made and entered this 21 day of 100, 2003, by and between the CITY OF CRAWFORDVILLE (hereinafter called City), and ATTAWAY WASTE SERVICES, LLC. (hereafter called Contractor).

1.

SCOPE OF WORK- The Contractor shall provide to the City curbside collection (in 95 gallon roll-carts provided by the Contractor) and ultimate disposal of household garbage. The Contractor shall not be required to collect or dispose of yard waste, household appliances, wood or any other material other than household garbage. The Contractor shall provide one time per week pickup of each cart for household garbage. The Contractor shall provide all carts and maintain carts in good working condition. The contractor shall also provide a roll-off container hauled one time per month at no charge to the City for disposal of yard, brown goods, and white goods waste only.

2.

COMPLIANCE WITH LAWS- The Contractor shall conduct operations under this Contract in compliance with all applicable laws, provided, however, that the General Specifications shall govern the obligations of the Contractor where there exists conflicting ordinances on the subject.

3.

COMPENSATION AND SERVICE-

(a.) Contractor shall provide on time per week pickup of household garbage for the monthly sum of Eight Dollars and no cents (\$8.00) per cart. Contractor

- shall provide roll-out carts. Carts should be placed at curbside by 7:00 a.m. for collection on the designated collection day.
- (b.) Contractor shall provide backdoor pickup to elderly or disabled residents as designated by the City who are physically unable to place container at curb on pickup day. In no case will the quantity of persons receiving back yard pickup exceed eight (8%) of the total residential units.

MODICATION OF RATES- The Contractor may petition the City at any time for additional rate and price adjustments at reasonable times on the basis of unusual changes in it costs of operation, such as revised laws, ordinance or regulation, changes in location of disposal sites or an increase in the number of residential units. Commencing on the first anniversary of the effective date of the Agreement, and on each anniversary thereafter, the rates, which may be charged by the City and paid to AWS shall be adjusted up or down to reflect percentage changes in the Consumer Price Index as published by the U.S. Department of Labor, Bureau of Statistics. The rates shall be modified for the ensuring 12-month period in a percentage amount equal to the net percentage change of the All Items Index during the previous 12-month period. In no event shall any adjustment in the rates in any year exceed five (5%) percent of the preceding year's rate. These adjustments may not be unreasonable withheld.

CITY AS COLLECTOR- The City shall be responsible for collecting from all residential units for services provided by the Contractor including these accounts, which are delinquent. The City shall pay contractor one time per month, by the tenth day of each month.

4.

TERM OF CONTRACT- The term of the contract shall be for a three (3) year period beginning January 15+, 2003 and ending January 31, 2006. The Contract

will be automatically renewed unless either party gives written notice to terminate the contract within sixty days of ending date.

5.

HOLIDAYS- THE following shall be holidays for purposes of this Contract:

New Year's Day, Independence Day, Thanksgiving Day, and Christmas Day. Contractor may decide to observe any or all of the abovementioned holidays by suspension of collection service on the holiday, but such decision in no manner relieves Contractor of his obligation to provide collection service at least once per week (Monday-Friday).

6.

<u>COMPLAINTS</u>- All complaints shall be made directly to the Contractor. In the case of alleged missed scheduled collections, the Contractor shall investigate and, if such allegations are verified, shall arrange for the collection of the refuse not collected within 24 hours after the complaint is received.

7.

DISPOSAL- AWS warrants and convents that it will provide services called for by this Contract in compliance will all applicable federal and state regulation and laws. Furthermore, it is specifically warranted by AWS and AWS agrees all garbage, refuse and all materials collected by AWS pursuant to the terms of this Agreement may only be disposed of, dumped, or deposited in garbage disposal facilities that are licensed and possess the appropriate permits from the environmental protections division of the State of Georgia and environmental protection agency.

8.

NUMBER OF CUSTOMERS- The City shall guarantee the Contractor of minimum of Three Hundred (300) residential customers or businesses cart container customer per month.

INDEMNITY- The Contractor shall indemnify and save harmless the City, its officers, agents, servants, and employees from and against any and all suits, actions, legal proceedings, claims, demands, damages, costs, expenses, and attorney's fees resulting from a willful or negligent act or omission of the Contractor, its officers, agents, servants and employees in the performance of the Contract, provided however that the Contractor shall not be liable fro any suits, actions, legal proceedings, claims, demands, damages, costs expenses and attorney's fees arising out of the award of the this Contract or a willful or negligent act or omission of the City, it's officers, agents, servants and employees.

10.

<u>INSURANCE</u>- AWS shall maintain in full and effect throughout the term of this contract and throughout any extension or renewal thereof the following types of insurance in at least the limits specified below.

- (a) Worker's Compensation insurance as required by applicable state laws.
- (b) Comprehensive general liability insurance policy with limits of not less than One Million Dollars for combined single limits;
- (c) Automobile liability with a combined single limit of not less than One Million Dollars.

Evidence of such insurance shall be provided to the City and the City shall be named as an additional insured upon said policies.

11.

<u>BINDING EFFECT</u>- The provisions, covenants, and conditions of this contract shall apply to bind the parties, their legal heirs, representatives, successors, and assigns.

EXCLUSIVE CONTRACT- The Contractor shall have the sole exclusive license and privilege to provide regular refuse collection, removal, and disposal services within the corporate limits of the City.

IN WITNESS WHEREOF, the undersigned have caused their duly authorized representative to hereunto set there and affix their seals on the day and year first above written.

CITY OF CRAWFORDVILLE, GEORGIA

By: _

yor for the City of Crawfordville

Attest:

City Clerk

ATTAWAY WASTE SERVICES

Robbie Attaway, Manager

Public Dumpsters

- (a) Location: The commissioner shall designate areas in the county where dumpsters intended to be for public use may be located and maintained. These dumpsters shall be located on public property, along the right-of-way of public roads or streets, or on private property with the express written consent of the owner and tenant in legal possession of the property, and shall be located in such a manner that there is a minimum danger of the spread of noxious odors and the detrimental effect on the environment is minimal.
- Use by County residents only: It shall be unlawful for any person or persons of the county to place or deposit any garbage, refuse, litter, household trash or other material of any kind not generated within the boundaries of the county in these dumpsters. The dumpsters shall carry a placard or sign stating that they are solely intended for the use of residents of the county and that it is unlawful to deposit anything other than garbage or household trash therein.
 - (C) Industrial waste: It shall be unlawful to place or deposit industrial waste or building materials or commercially collected garbage in the dumpsters unless they are specifically designated for such use by the commissioner or his designec.
 - (d) Hazardous refuse: It shall be unlawful to place or deposit any hazardous refuse of any kind in the dumpsters.
 - (e) Hospitals and health care units: All used hypodermic needles should not be recapped, purposely bent or broken by hand, removed from disposable syringes or otherwise manipulated by hand. Once used, hypodermic needles should be put into a puncture resistant container for disposal.
- (f) Ashes: Ashes deposited in the dumpsters must be wetted and cool to the touch prior to being placed or deposited in the dumpsters.
- (g) Combustible Liquids: No highly combustible liquid shall be placed or deposited in the dumpsters.
- (b) Toxic Materials: No material or substance governed or regulated as a noxious or toxic material by any governmental agency or which would pose a hazard to the health, safety and well-being if the collection personnel or residents of the county or which would pose a danger to the wildlife of the county shall be placed or deposited in the dumpsters.
- (i) Garbage bags: It shall be unlawful to place or deposit any garbage or household trash in the dumpsters without first placing and securing such in a garbage bag suitable strength and thickness. Objects which could puncture the garbage bag in the course of the ordinary and intended use thereof shall be wrapped or protected so that the bag shall remain intact.

- (j) Depositing trash outside of dumpster: It shall be unlawful to place or deposit garbage or household trash on the ground adjacent to the dumpster or in any location other than the dumpsters. Any person using the dumpsters shall clean up any spills caused by his use of the dumpsters and shall not drop or discard any garbage or household trash in the area surrounding the dumpsters.
- (k) Dead animals: Dead animals shall not be placed or deposited in the dumpsters.
- (l) Limit on amount of trash: It shall be unlawful for a person to place more than two cubic yards of rubbish in the dumpsters in any seven-day period. It shall be unlawful to deposit rubbish in any dumpster which is already filled.
- (m) Anyone found in violation of any of the provisions of this ordinance shall be punished as provided for in the Taliaferro County Code,





GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

Mike Beatty
COMMISSIONER

Sonny Perdue GOVERNOR

May 4, 2005

Honorable Charles Ware Chair, Taliaferro County Commission Post Office Box 114 Crawfordville, Georgia 30631-0114

Dear Commissioner Ware:

We have received notification that Taliaferro County and the cities of Crawfordville and Sharon have adopted the 2005 - 2014 Solid Waste Management Plan that meets the Minimum Planning Standards and Procedures for Solid Waste Management. Accordingly, it is my pleasure to notify you that Taliaferro County and the cities of Crawfordville and Sharon have regained eligibility for solid waste permits, grants and loans.

As you have experienced, in addition to proper and thorough long-range planning, effective solid waste management requires the ability to adapt when circumstances indicate that such action is necessary. Through continued review, and revision when necessary, solid waste planning provides your local government with more control over its destiny and assists you in dealing more effectively with both short-term and long-term management decisions.

We commend you for your hard work and dedication. If you have any questions regarding your solid waste management plan, please call Mary Harrington in our Office of Environmental Management at (404) 679-3144.

Sincerely,

Mike Beatty

Mike Beatty

Commissioner

MB/meh

cc: Andy Crosson, Executive Director, CRSA RDC







GEORGIA DEPARTMENT OF **COMMUNITY AFFAIRS**



Mike Beatty COMMISSIONER **Sonny Perdue GOVERNOR**

May 4, 2005

Honorable Perry Pittman Mayor, City of Sharon Post Office Box 427 Sharon, Georgia 30664-0427

Dear Mayor Pittman:

We have received notification that Taliaferro County and the cities of Crawfordville and Sharon have adopted the 2005 - 2014 Solid Waste Management Plan that meets the Minimum Planning Standards and Procedures for Solid Waste Management. Accordingly, it is my pleasure to notify you that Taliaferro County and the cities of Crawfordville and Sharon have regained eligibility for solid waste permits, grants and loans.

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Sincerely,

Mike Beaty Mike Beatty

Commissioner

MB/meh

cc:

Andy Crosson, Executive Director, CRSA RDC









GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

Mike Beatty
COMMISSIONER

Sonny Perdue GOVERNOR

May 4, 2005

Honorable Lois Richards Mayor, City of Crawfordville Post Office Box 8 Crawfordville, Georgia 30631-0008

Dear Mayor Richards:

We have received notification that Taliaferro County and the cities of Crawfordville and Sharon have adopted the 2005 - 2014 Solid Waste Management Plan that meets the Minimum Planning Standards and Procedures for Solid Waste Management. Accordingly, it is my pleasure to notify you that Taliaferro County and the cities of Crawfordville and Sharon have regained eligibility for solid waste permits, grants and loans.

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Sincerely,

Mike Beatty
Commissioner

MB/meh

cc: Andy Crosson, Executive Director, CRSA RDC

